



October 31, 2019

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NOV 13 2019

Office of Enforcement, Compliance & Environmental Justice (8ENF-AT)

Enforcement and Compliance
U. S. Environmental Protection Agency Region VIII

1595 Wynkoop Street

Denver, Colorado 80202-1129

RE: NSPS SUBPART OOOOa - 2019 ANNUAL REPORT

Dear Madam/Sir:

Per the requirements of the EPA's New Source Performance Standard (NSPS) Subpart OOOOa, please find the attached 2019 annual report addressing Hess's NSPS Subpart OOOOa affected facilities for our North Dakota operations for the reporting period of August 2, 2018 to August 2, 2019.

If you should have any questions regarding this information, please contact Ms. Vicky Sund at (701) 420-7020, Mr. Stetson Sannes at (701) 420-7004 or me at (701) 420-6951.

Sincerely.
(b) (6)

Kim Boles
Director, Bakken Operations

Attachments

		General Inj	formation		
Facility(s)	Name: Hess North Da	akota (Bakken)	Production Ope	erations	
	Facility	(Field Office	e) Physical Add	dress	
Street:	3015 16th Street SW, St	uite 20			
City:	Minot		County: Ward	i	
State:	North Dakota	Zipcode:	58701		
		Responsibl	le Official		
Name:	Kim Boles	Title:	Director, Bakk	en Operations	s
Email:	KBoles@hess.com	Phone:	701-420-6951	Mobile:	281-685-9587
		Regulator	y Contact		
Name:	Vicky Sund	Title:	Manager, Regu	ılatory	
Email:	VSund@hess.com	Phone:	701-420-7020	Mobile:	701-570-5677
		Report F	reparer		
Name:	Stetson Sannes	Title:	Specalist, Regu	latory	
Email:	Ssannes@hess.com	Phone:	701-420-7004	Mobile:	701-509-0815
	Affected Facilities		Inc	luded in this	s report?
Hydr	aulically Fractured Produc	ction Wells		✓	
LDAR	Applicable Facilities - Cor Production	npressors &		✓	
Applicab	ole Reciprocating Compres Hours	sor Operating		✓	

Determined Non-Applicability For The Following Potentially Affected Facilities:

- 1. Gas Processing Sweetening Units
- 2. Gas Processing Leak Detection And Repair (LDAR)
- 3. Compressors Centrifugal
- 4. Pneumatic Devices At Gas Processing Plants
- 5. Pneumatic Devices At Production Sites
- 6. Storage Vessels

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT 8/2/18

8/2/19

Certification

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Kim Boles	Director, Bakken Operations
Name of Responsible Official	Title
	10/31/2019
Signature of Responsible Official	Date signed



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD:

8/2/2018 to 8/2/2019

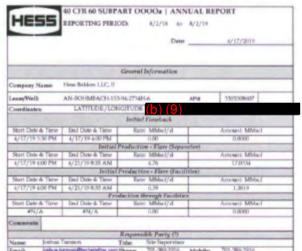
Affected Facilities: Hydraulically Fractured or Refractured Production Wells

Any well completion with hydraulic fracturing or refracturing occurring at an affected facility. Digitial photograph, as allowed per 40 CFR 60.5420a (c)(1)(v), noted as being attached in lieu of including detailed flowback data report.

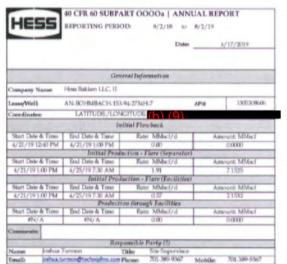
Well Name	API#	Digital Photograph(s) Attached (40 CFR 60.5420a (c)(1)(v))	Flowback Data Report	Duration of Venting (hours) (40 CFR 60.5420a (c)(1)(ii))
AN-BOHMBACH-153-94-2734H-10	3305308603	Yes		0
AN-BOHMBACH-153-94-2734H-6	3305308607	Yes		0
AN-BOHMBACH-153-94-2734H-7	3305308606	Yes		0
AN-BOHMBACH-153-94-2734H-8	3305308605	Yes		0
AN-BOHMBACH-153-94-2734H-9	3305308604	Yes		0
AN-DINWOODIE-153-94-2833H-4	3305307886	Yes		0
AN-DINWOODIE-153-94-2833H-5	3305307887	Yes		0
AN-DINWOODIE-153-94-2833H-6	3305307888	Yes		0
AN-DINWOODIE-153-94-2833H-7	3305307889	Yes		0
AN-DINWOODIE-153-94-2833H-8	3305307890	Yes		0
AN-GUDBRANSON-153-94-2215H-10	3305307997	Yes		0
AN-GUDBRANSON-153-94-2215H-11	3305307996	Yes		0
AN-GUDBRANSON-153-94-2215H-12	3305307995	Yes		0
AN-GUDBRANSON-153-94-2215H-8	3305307999	Yes		0
AN-GUDBRANSON-153-94-2215H-9	3305307998	Yes		0
BB-BURK-151-95-1807H-6	3305308165	Yes		0
BB-BURK-151-95-1807H-7	3305308164	Yes		0
BB-BURK-151-95-1807H-8	3305308163	Yes		0
BB-BURK-151-95-1807H-9	3305308162	Yes		0
BB-BURK-LE-151-95-1807H-1	3305308161	Yes		0
BB-CHAPIN-151-95-0506H-10	3305308264	Yes		0
BB-CHAPIN-151-95-0506H-5	3305308259	Yes		0
BB-CHAPIN-151-95-0506H-6	3305308260	Yes		0
BB-CHAPIN-151-95-0506H-7	3305308261	Yes		0
BB-CHAPIN-151-95-0506H-8	3305308262	No	Attached	0
BB-CHAPIN-151-95-0506H-9	3305308263	No	Attached	0
BB-EIDE-151-95-3328H-10	3305308518	No	Attached	0
BB-EIDE-151-95-3328H-11	3305308519	No	Attached	0
BB-EIDE-151-95-3328H-12	3305308520	No	Attached	0
BB-EIDE-151-95-3328H-13	3305308521	No	Attached	0
BB-EIDE-151-95-3328H-8	3305308637	Yes		0
BB-EIDE-151-95-3328H-9	3305308517	Yes		0
BB-FEDERAL A-151-95-0910H-3	3305306524	Yes		0
BB-FEDERAL B-151-95-2122H-10	3305308078	Yes		0
BB-FEDERAL B-151-95-2122H-6	3305308082	No	Attached	0
BB-FEDERAL B-151-95-2122H-7	3305308081	Yes		0
BB-FEDERAL B-151-95-2122H-8	3305308080	Yes		0
BB-FEDERAL B-151-95-2122H-9	3305308079	Yes		0 ,
BB-FEDERAL-151-95-0817H-2	3305306483	No	Attached	0
BB-FEDERAL-151-95-0817H-3	3305306482	No	Attached	0
BB-FEDERAL-151-95-0817H-4	3305306481	No	Attached	0
BB-FEDERAL-151-95-0817H-5	3305306480	No	Attached	0
BB-FEDERAL-151-95-0817H-6	3305306479	No	Attached	0
BL-DOMY-156-95-2932H-10	3310504921	Yes		0

Well Name	API#	Digital Photograph(s) Attached (40 CFR 60.5420a (c)(1)(v))	Flowback Data Report	Duration of Venting (hours) (40 CFR 60.5420a (c)(1)(ii))
BL-DOMY-156-95-2932H-6	3310504917	Yes		0
BL-DOMY-156-95-2932H-7	3310504918	Yes		0
BL-DOMY-156-95-2932H-8	3310504919	Yes		0
BL-DOMY-156-95-2932H-9	3310504920	Yes		0
CA-ANDERSON SMITH-155-96-2635H-2	3310504212	No	Attached	0
CA-ANDERSON SMITH-155-96-2635H-3	3310504213	No	Attached	0
CA-ANDERSON SMITH-155-96-2635H-4	3310504215	No	Attached	0
CA-ANDERSON SMITH-155-96-2635H-5	3310504214	No	Attached	0
CA-ANDERSON SMITH-155-96-2635H-6	3310504216	No	Attached	0
CA-ANDERSON SMITH-LE-155-96-2635H-1	3310504211	No	Attached	0
CA-E BURDICK-155-95-2017H-2	3310504669	Yes		0
CA-E BURDICK-155-95-2017H-3	3310504670	Yes		0
CA-E BURDICK-155-95-2017H-4	3310504671	Yes		0
CA-E BURDICK-155-95-2017H-5	3310504672	Yes		0
CA-E BURDICK-155-95-2017H-6	3310504673	Yes		0
CA-E BURDICK-155-95-2017H-6	3310504518	Yes		0
PIT M. A. B. C. M. C.		No	Attached	0
CA-E BURDICK-LE-155-95-2017H-1	3310504886		Attached	0
CA-FERGUSON SMITH-155-95-3031H-5	3310504845	Yes		
CA-FERGUSON SMITH-155-95-3031H-6	3310504846	Yes		0
CA-FERGUSON SMITH-155-95-3031H-7	3310504847	Yes		. 0
CA-FERGUSON SMITH-155-95-3031H-8	3310504848	Yes		. 0
CA-FERGUSON SMITH-LE-155-95-3031H-1	3310504849	Yes		. ()
CA-STANGELAND-155-95-2128H-4	3310504208	Yes		.0
CA-STANGELAND-155-95-2128H-5	3310504207	Yes		0
CA-STANGELAND-155-95-2128H-6	3310504206	Yes		0
CA-STANGELAND-155-95-2128H-7	3310504205	Yes		0
EN-DOBROVOLNY A-155-94-2413H-10	3306104238	Yes		0
EN-DOBROVOLNY A-155-94-2413H-8	3306104240	Yes		0
EN-DOBROVOLNY A-155-94-2413H-9	3306104239	Yes		0
EN-FARHART-156-93-0409H-4	3306104360	Yes		0
EN-FARHART-156-93-0409H-5	3306104359	Yes		0
EN-FARHART-156-93-0409H-6	3306104358	Yes		0
EN-FARHART-156-93-0409H-7	3306104357	Yes		0
EN-JEFFREY-155-94-2215H-4	3306103225	Yes		0
EN-JEFFREY-155-94-2215H-5	3306103226	Yes		0
EN-JEFFREY-155-94-2215H-6	3306103227	Yes		0
EN-JEFFREY-155-94-2215H-7	3306103228	Yes		0
EN-JEFFREY-155-94-2215H-8	3306103229	Yes		0
EN-IEFFREY-155-94-2215H-9	3306103230	Yes		0
EN-KULCZYK-154-94-2029H-11	3306104233	Yes		0
EN-KULCZYK-154-94-2029H-12	3306104234	Yes		0
EN-KULCZYK-154-94-2029H-13	3306104235	Yes		0
EN-KULCZYK-154-94-2029H-13	3306104236	Yes		0
EN-SORENSON A-154-94-0211H-7				0
TO 1 TO 1 THE 1 TO 1 T	3306104208	Yes		0
EN-SORENSON A 154-94-0211H-8	3306104249	Yes		0
EN-SORENSON A 1 E 154 94 0211H-9	3306104250	Yes		0
EN-SORENSON A-LE-154-94-0211H-1	3306104206	Yes		
EN-SORENSON A-LW-154-94-0211H-1	3306104251	Yes		0
EN-SORENSON B-LE-155-94-3526H-1	3306104207	Yes		0
EN-THOMPSON TRUST-154-94-1930H-10	3306103981	Yes		0
EN-THOMPSON TRUST-154-94-1930H-11	3306103982	Yes		0
EN-THOMPSON TRUST-154-94-1930H-7	3306103978	Yes		0
EN-THOMPSON TRUST-154-94-1930H-8	3306103979	Yes		0
EN-THOMPSON TRUST-154-94-1930H-9	3306103980 3306103471	Yes		0

Well Name	API #	Digital Photograph(s) Attached (40 CFR 60.5420a (c)(1)(v))	Flowback Data Report	Duration of Venting (hours) (40 CFR 60.5420: (c)(1)(ii))
EN-WEYRAUCH C-154-93-2932H-12	3306103472	Yes		0
GO-BERGSTROM-156-98-2833H-2	3310504720	Yes		0
GO-BERGSTROM-156-98-2833H-3	3310504719	Yes		0
GO-BERGSTROM-156-98-2833H-4	3310504718	Yes		0
GO-BERGSTROM-156-98-2833H-5	3310504717	Yes		0
RS-FLICKERTAIL-156-91-1720H-2	3306104335	Yes		0
RS-FLICKERTAIL-156-91-1720H-3	3306104336	Yes		0
RS-FLICKERTAIL-156-91-1720H-4	3306104337	Yes		0
RS-HOWELL-LW-156-91-1107H-1	3306104150	Yes		0
RS-HOWELL-LW-156-91-1107H-2	3306104149	Yes		0
RS-HOWELL-LW-156-91-1107H-3	3306104148	Yes		0
RS-HOWELL-LW-156-91-1107H-4	3306104147	Yes		0
RS-STATE D-155-92-0203H-2	3306104278	Yes		0
RS-STATE D-155-92-0203H-3	3306104277	Yes		0
RS-STATE D-155-92-0203H-5	3306104275	Yes		0
RS-STATE D-LN-155-92-0203H-1	3306104279	Yes		0
SC-1WX-152-99-0809H-2	3305308166	Yes		.0
SC-1WX-152-99-0809H-3	3305308167	Yes		0
SC-1WX-152-99-0809H-4	3305308168	Yes		0
SC-1WX-152-99-0809H-5	3305308169	Yes		0
SC-5WX-152-99-0310H-2	3305308119	Yes		0
SC-5WX-152-99-0310H-3	3305308120	Yes		0
SC-5WX-152-99-0310H-4	3305308121	Yes		0
SC-BARNEY-154-98-1819H-6	3310504990	No	Attached	0
SC-BINGEMAN-154-98-0904H-6	3310503805	Yes		0
SC-GENE-154-98-0805H-3	3310504444	Yes		0
SC-GENE-154-98-0805H-4	3310504443	Yes		0
SC-GENE-154-98-0805H-5	3310504442	Yes		0
SC-GENE-154-98-0805H-6	3310504441	Yes		0
SC-GENE-154-98-0805H-7	3310504787	Yes		0
SC-GENE-154-98-0805H-8	3310504788	Yes		0
SC-GENE-154-98-0805H-9	3310504789	Yes		0
SC-GENE-LE-154-98-0805H-1	3310504790	Yes		0
SC-HOVING-154-98-1003H-2	3310504591	Yes		0
SC-HOVING-154-98-1003H-3	3310504592	Yes		0
SC-HOVING-154-98-1003H-4	3310504593	No	Attached	0
SC-HOVING-LW-154-98-1003H-1	3310503968	Yes		0
SC-JCB-154-98-1720H-3	3310504440	Yes		0
SC-JCB-154-98-1720H-4	3310504439	Yes		0
SC-JCB-154-98-1720H-5	3310504438	Yes		0
SC-JCB-154-98-1720H-6	3310504437	Yes		0
SC-JCB-154-98-1720H-7	3310504791	Yes		0
SC-JCB-154-98-1720H-8	3310504792	Yes		0
SC-JCB-154-98-1720H-9	3310504793	Yes		0
SC-JCB-LE-154-98-1720H-1	3310504794	Yes		0
SC-JCB-LE-154-98-1721H-2	3310504977	Yes		0
SC-TR SLETTE-153-98-1819H-4	3310504581	Yes		0
SC-TR SLETTE-153-98-1819H-5	3310504582	Yes		0
SC-TR SLETTE-153-98-1819H-6	3310504583	Yes		0
SC-TR SLETTE-153-98-1819H-7	3310504584	Yes		0
SC-TR SLETTE-153-98-1819H-8	3310504585	Yes		0
SC-TR SLETTE-LE-153-98-1819H-1	3310504586	Yes		0





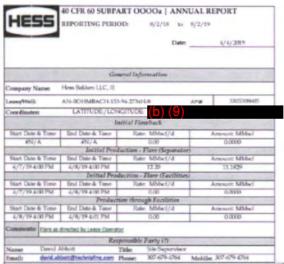




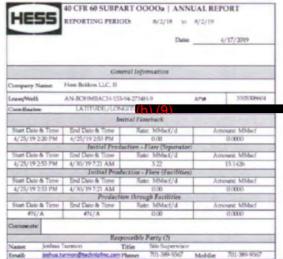
AN-BOHMBACH-153-94-2734H-7 SESW-22-153N-94W CA# NDM107795 PERMIT #35094 FOR EMERGENCY-1-800-406-1697

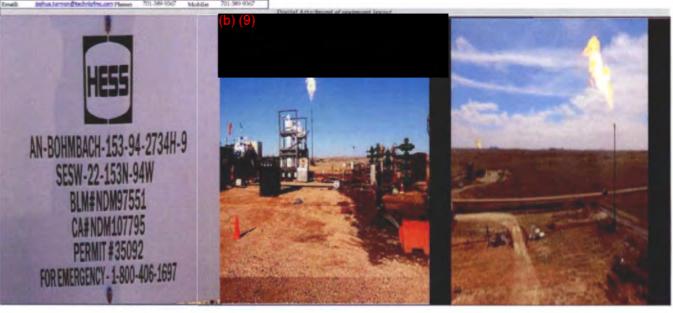


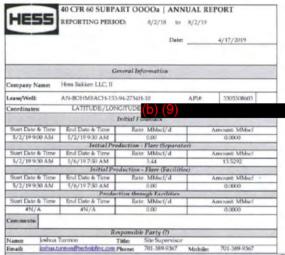




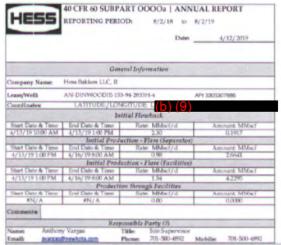








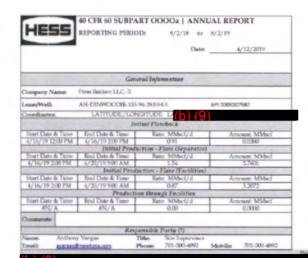




Digital Attackment of equipment layout





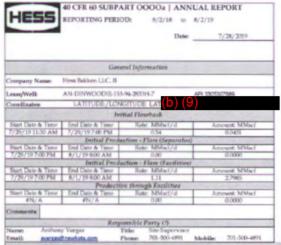




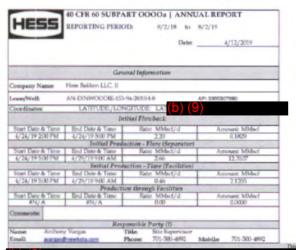


AN-DINWOODIE-153-94-2833H-6
NWNW-28-153N-94W
BLM#NDM97551
CA#NDM105491
PERMIT #33236
FOR EMERGENCY 1-800-406-1697

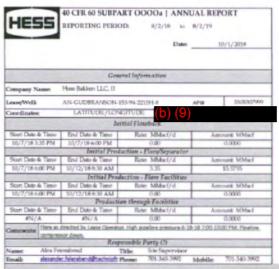
HESS
AN-DINWOODIE-153-94-2833H-7
NUNTW-28-153N-94W
NUNTW-28





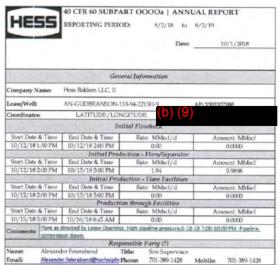


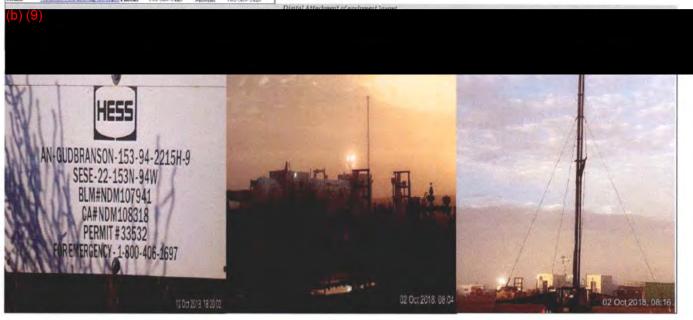


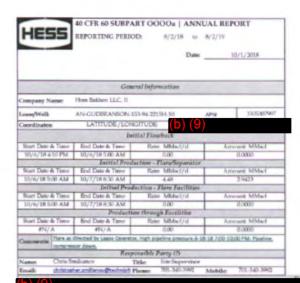




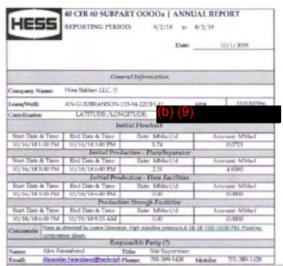




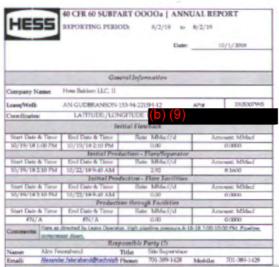














ersion 201801025	WELL DATA	A SUMMARY
Clear data to create Flowback data for new well	Company Name Well Name API Number Anna Work Team Faid Famalish	Hess Corp 88-CHAPIN-151-95-9500H-9 0 88- TF 1280
Show/Hide auto- populated data	Design Lectrico Vehial Filoshura Data Flandacia Compuny Responsible Contactor Phone Contact willia Steal in Tubera Praessina (Pol)	13/11/2018 12/12/18 12:00 AM TechnipPMC Red Colle 701:509-2742

REFER TO COMMENTS ON CELLS FOR GUIDANCE

Data Completed By:
Flowback Crew / Heas FB Supervisor
Flowback
Automatic

	Effective # Stages	60	Stages																										
Event Plasse	Date NM DD/YT TIME	Remarks	Flared Gay Rate (FB) NMscM	Sales Gas Rate Millscfd	Od Volume MATH	Water Volume Mathe	Tubing Press	Choke Size	Duration	Com Time	Oil Daily	Total Fluid Michr	Oil Cure	CHCKE	Water Cut	Water Daily bbliday	Water Cum	Load Recovery	Total Lig Com	Harred Gas Curn	Sales Gas Com	Total Gas Com	GOR	BEPRIFTE DAYS	Cum # IPHEP IP	191	BOStage 244codes	SQRT (II)	AWT
Trans	13/19/10 2/00 PM	Report start time	0.00	0.00			2604	ALLEGAN	0.00		0.00	0				100.007		0.0%		0.00	0.00	0.00	1000	0.0	00	94444	0.0	0.0	D
NPT	12/12/16/2:00 PM	Cleaning out TFMC separator and	0.00	0.00					150	0.00	0.00	000	0.00	405		0.00	0.00	0.0%	0.00	0.00	0.00	0.00	100		All lands	14 86-	0.0	0.0	D
		Open Too Tank. Cleaning out TFMC separator and										1					10000								1000				
NPT	12/12/10 3:00 PM	Open Ton Tank	0.00	8.00					1:00	1.00	0.00	0.00	0.00			0.00	0.00	00%	0.00	0.90	8.00	0.00	13.4		10.350	175	0.0	1,0	
NPT	12:12/18 4:80 PM	Cleaning out TFMC separator and Open Top Tank.	0.00	8.00					0.55	200	9.00	0.00	0.00			0.00	0.00	50%	0.00	0.00	0.00	0.00	1-1-		1400	- 10	0.0	1.4	D
Intel Flowback	12/12/18 ASS PM	Open well to Daw in choice by pass (2") IOP = 1805 paint)	0.00	0.00	0		1909.	108	0.05	292	0.00	0.00	0.00			0.00	0.00	00%	0.00	0.00	0.00	0.00	1 500	0.0	0.0	1800	0.0	17	D
Intel Footsch	15/12/18 590 PM		0.00	0.00	0	1	100	128	1:00	3.00	0.00	7.00	0.00	0.00%	100 00%	168 00	7.00	00%	7.00	0.00	0.00	0.00	100	0.0	00	77.5	0.0	4.7	D
		(5.11 PM) Gas to surface. Diverted flow through a 24/54 choice and switched from				-				1300							1800										10.3		
Initial Production	12/12/18 8:00 PM	open top tank to TFMC separator. (5.47 PM) Oil to surface, start sending oil to	2.80	0.00	0	31	2504	24	1:00	4.00	0.00	31,00	0.00	0.00%	100.00%	744.00	38.00	00%	36.00	0.12	0.00	0.12	45.00	0.0	0.0	100	0.0	2.0	0
Initial Production	12/13/18 7:00 PM	(7:11 PM Diverted flow through a 25/64 chuke	296	0.00	25	38	2416	24	100	5.00	600.00	61.00	25.00	40.58%	96.02%	864.00	74:00	01%	96.50	0.24	0.00	0.24	4933,333333	0.0	00	01	100	22	D
Initial Production	12/12/18 8:00 PM	Water Weight = 9.6 ppg Oil API = 45.35 db 60°F	286	0.60	100	46	2270	28	1.00	6.00	2400.00	148,00	125.00	57.57%	32.43%	1152.00	122.00	01%	247.00	0.36	0.00	0.36	1191,000607	01	- 24	01	40.0	24	0
Initial Production	12/13/18 9:00 PM	(9:11 PM) Diverted flow through a 32/64	283	0.00	78	42	2249	20	1.00	7.00	1872.00	120.00	203.00	65.00%	35.00%	1009.00	164.00	01%	367.00	0.48	0.00	0.40	1611.762137	0.1	02	0.7	31.2	2.6	D
Initial Production	12/12/16 10:00 PM	choise	2.46	0.00	106		2103	12	1:00	0.00	2544.00	145,00	309.00	72.60%	27.40%	960.00	204.00	0.1%	513.00	0.58	0.00	0.50	906.9611321	01	02	02	26	2.6	D
Initial Production	12/12/18 11:00 PM	(11.11 PM) Diverted flow brough a 35/64	336	0.00	101	40	2025	52	1.00	900	2424 00	141.00	410.00	71.63%	28.37%	960.00	244.00	0.2%	654.00	0.72	0.00	0.72	1382.013201	01	0.3	0.3	90.4	3.0	D
		Water Weight = 9.9 pog		1									1000										1			1000			
Initial Production	12/13/18 12:00 AM	Oli API = 43.92 @ 60°F H2S= 0 PPM (12:10 AM) Pulled screen in Debris	3.78	0.90	102	50	1005	26	1.00	10.00	2440.00	152,00	51200	17.11%	32.00%	1200.00	294.00	0.2%	808.00	0.68	0.00	0.86	1844.117647	01	0.4	0.3	40.8	32	0
Initial Production	12/13/16 1:00 AM	catcher, sample clean, no debris	3.65	0.00	115	39	1800		1:00	11.00	2780.00	154.00	627.00	74.60%	25.32%	536.00	333 00	92%	960.00	1/3	0.00	105	1327.463768	0.1	0.5	03	45.0	3.3	D
Initial Production	12/13/18 2:00 AM		3.68	0.00	106	2	1734	36	1:00	12.00	2544,00	146.00	733,00	71.62%	28.36%	1006.00	375.00	0.3%	1108.00	1.18	0.00	1 18	1446,540861	0.1	0.8	0.3	424	3.5	D
Initial Production	12/13/18 3:00 AM	(3:30 AM) Pulled screen in Debris catcher, sample clean, no debris	3.47	0.00	100	40	1650	36	1:00	13.00	2400.00	140.00	633.00	71.43%	26.57%	960.00	415.00	0.3%	1248.00	1.33	0.00	1.33	1445 633333	01	0.7	0.3	40.0	3.6	D
Initial Production	12/13/18 4:00 AM	Water Weight = 9.9 ppg Oil API = 45.24 @ 60°F	3.30	0.00	105	52	1627	36	1:00	14.00	2852.00	150.00	931 00	65.33%	34.67%	1248.00	467.00	03%	1396.00	1.47	0.00	147	1441.309631	01	0.6	04	39.2	3.7	D
Initial Production	12/13/18 5:00 AM	CHAP1 - 40.24 Et 60 F	3.36	0.00	96	35	1581	36	1:00	15.00	2304.00	131.00	1027.00	75.20%	20.72%	640.00	502.00	0.4%	1529.00	1.81	0.00	1.61	1458.333333	0.1	1.0	04	38.4	3.9	D
Initial Production	12/13/18 COO AM		3.28	0.00	100	32	1537	30	100	16.00	2400.00	132.00	1127.00	75.75%	24.24%	768.00	534.00	0.4%	1681.00	1.74	0.00	1.74	1356.333333	01	13	0.4	40.0	40	D
Initial Production	12/13/16 7:00 AM	Water Weight = 9.5 ppg	3.18	0.00	75	28	1476		1.00	17.00	1800.00	103.00	1202.00	72.82%	27 18%	672.00	562.00	0.4%	1754.00	1.88	0.00	1.88	1756.500007		15	700	30.0	42	0
Initial Production	12/13/18 800 AM 12/13/18 9 00 AM	OI API = 44.25¢ 50°F	3.19	0.00	75	34	1459	35	100	18.00	1800.08	109.00		02.01%	31.19%	816.00	596.00	0.4%	1673.00	2.01	0.00	2.01	1772.222922	0.1	100	0.0			
Initial Production Initial Production	12/13/18 10:00 AM		334	0.00	92	50	1432	36	100	20.00	2164.00 2266.00	147.00	1368.00	61.54% 60.50%	35.40% 37.41%	1320.00	701.00	05%	2014.00	215	0.00	2.15	1529.304029	0.1	1.5	0.5	36.4	4.5	D
Initial Production	12/13/18 11:00 AM	The second second	2.93	0.00	76	39	1416	30	1.00	21.00	1824.00	115.00	1538.00	06.00%	23.91%	630.00	740.00	0.5%	2276.00	2.40	0.00	2.40	1606.356649	0.1	1.6	0.6	30.4	4.5	D
Initial Production	12/13/18 12:00 PM	Water Weight = 9.98ppg OH API = 43.92 @ 607F HDS= 0 PPM	3.02	0.00	101	47	1563	30	1,00	72.00	2424.00	148.00	1637.00	60.24%	31.76%	1128.00	767.00	0.0%	3434.00	252	0.00	2:52	1245.874567	0.1	1.0	0.5	40.4	4.7	D
Initial Production	12/13/18 1:00 PM		294	0.00	92	36	1360	36	1:00	23.00	2206.00	128.00	1729 00	71,88%	28.13%	864,00	823.00	0.6%	2552.00	264	0.00	284	1331.521739	0.1	1.9	05	36.8	4.8	D
Initial Production	12/13/16 2 00 PM 12/13/18 3 00 PM	and the same of	2.94	0.00	74 84	30	1331	31	1:00	34.00 25.00	1776.00	115.00		64.35% At 200	31.71%	964.00	864.00	0.0%	2667.00	2.77	0.00	2.77	1655.405-405	0.1	2.0	07	29.6 33.6	5.0	D
Initial Production	12/3/10/300760	(3:15 PM) Direct few through a 38/64" choice. Move to Step 67 on Blue Bulles.	292	0.00	-	-	1311		100	2500	2016.00	123.00	1867.90	08.29%	21.71%	935.00	903.00	07%	2790.00	280	6.00	2.80	1448.412896	91			234		
Initial Production	12/13/18 4 00 PM	Revised Floodeck Procedure due to low until head pressure. Water Weight = 9.5 pog CII API = 44.05db 60°F	4,00	0.00	90	54	1205	20	1.00	26.00	2160.00	124.00	1977/00	72.58%	27.42%	816.00	937,00	0.7%	2914.00	3.00	0.00	3.06	1851.851852	01	23	0.6	36.0	5.1	D
Initial Production	12/13/18 5:00 PM	1	2.96	0.00	90	31	1261	38	1:00	27.00	2100:00	121 00	2067.00	7438%	25.62%	744.00	966.00	07%	3035-00	216	0.00	3.18	13/0 3/037	0.1	24	26	360	5.2	0
Initial Production	12/13/18 6:00 PM		2.90	0.00	88	45	1225	38	1.00	28.00	2112.00	155.00	2155.00	66.17%	53.53%	1000.00	1013.00	0.7%	3166.00	3.30	0.00	3.30	1373.106061	01	2.6	0.0	35.2	53	0
Initial Production	12/13/18 7:00 PM	Water Weight = 9.7 ppg	2.56	0.00	85	37	1207	30	1 00	29:00	2040 00	122.00		40.67%	30.33%	888.00	1060.00	0.0%	3290.00	3.0	0.00	3.42	1401.960784	0.1	27	0.0	34.0	5.4	0
Initial Production	12/13/16 8:00 PM	OHAPI = 43.49 @ 60°F	2.83	0.00	59	37	1184	36	1100	30.00	2130.00	1,75.00	100000	70.53%	29.37%	90.888	1087.00	08%	3415.00	354	0.00	354	1304.906367	01	2.9	06	35.6	5.5	D
Initial Production Initial Production	12/13/18 9:00 PM 12/13/18 10:00 PM		2.80 2.76	0.00	79	33	1164	38	100	31.00	1895.00	115.00		75.85% 70.54%	29.45%	792.00	1115.00	0.8%	3531,00	3.65	0.00	3.65	1340.990109	0.1	10	0.7	34.8	5.5	0
Initial Production	12/13/18 11:00 PM		2.72	0.00	84	28	1126	38	100	30.00	2016.00	110 00	2579-00	75.30%	23.64%	524.00	1174.00	09%	3753-00	2.88	0.00	3.60	1349.206349	0.1	3.3	0.7	33.6	5.7	0
Initial Production	12/14/18 12:00 AM	Water Weight = 9.8 cpg Oil AF1 = 45.58 @ 50°F	2.58	0.00	76	37	1111	35	100	34.00	1804.00	113.00	2655.00	07.20%	32.74%	M68.00	1211.00	0.9%	3866.00	3.99	6.00	3.94	1409 298246	01	3.5	0.8	30.4	5.5	D
Initial Production	12/14/18 1:00 AM	H2S+ 0 PPM	2:65	0.00	90	29	1090	30	1.00	25.00	2150.00	119.00	2745.00	73.63%	2437%	896.00	1340.00	09%	3965.00	4.10	0.00	4.10	1226.851852	0.1	2.0	0.7	36.0	8.3	D
Initial Production	121418 200 AM		2.65	0.00	70	29	1079	38	1.00	36.00	1680.00	89.00	2815.00	70.71%	29 29%	696.00	1269.00	0.9%	4084.00	421	0.00	4.21	1577.380952	01	3.8	0.0	260	8.0	D
Initial Production	12/14/18 3 00 AM	Water Weight = 9.8 cpg	2.64	0.00	72	33	1075	30	1.00	37:00	1778.00	105.00	2887.00		21.43%	792.00	1502.00	1.0%	4169.00	4.32	0.00	4.32	1527.77778	01	3.9	0.6	26.8	6.1	D
Initial Production	12/14/18 4 00 AM	DI API = 45.03 (0.00°F	2.58	0.00	76	30	1061	38.	1:00	36.00	1824.00	106,00	2963.00	71.70%	28.30%	720.00	1832.00	1.0%	4295.00	4.43	0.00	4.0	1414-473684	0.1	4.0	0,8	30.4	63	-
Initial Production Initial Production	12/14/18 5 00 AM 12/14/18 5 00 AM		2.54 2.53	0.00	80	27	1042	38	1:00	39.00 40.00	1926.00	104.00	3111.00	71.50%	25.00%	575.00 648.00	1368.00	10%	4596 00 4464.00	454 454	0.00	454	1322.918607 1550.245098	01	42	0.0	27.2	82	D
Initial Production	12/14/18 7:00 AM		247	0.00	71	24	1038	38	190	41.00	175400	86.00	3162.00		25.26%	676.00	1407.00	10%	4589.00	475	6.00	4.75	1449.530515	0.1	44	0.0	25.4	64	D
Initial Production	12/14/15 8:00 AM	Water Weight = 9.8 ppg GB AP1 = 46.13-49 907F	2.44	0.00	75.	36	1007	38	1.00	40.00	1800.00	111.00	3057.00	67.57%	32.43%	864.00	1443.00	11%	4790.00	485	0.00	4.85	1905.505036	0.1	47	8.0	30.0	55	D
Initial Production	12/14/8 9:00 AM	(8:30 AM) Divet flow through a 36/64" as per Hess Engineering Team request.	2.40	0.00	60	30	1012	36	100	4000	14/8/00	90.00	301700	0.574	23.23%	730.00	1473 00	115	A790.00	416	8.00	436	1000.000017	0.1	47	10	240	65	D
Initial Production	121418 1000 AM	(9:30 AM) Divert flow through a 34/64" as per Heox Engineering Train request.	2.30	9.00	65	28	1029	34	1.00	44.00	1500.00	10.00	3082 00	00.00%	3011%	672.00	1501.00	11%	4983.00	5.04	0.00	5.04	1410.25641	01	47	0.9	26.0	2.6	D
Initial Production	12/14/16 11:00 AM	(10:30 AM) Divert flow Brough a 32/04" as por Hoss Engineering Team request.	2.06	0.00	80	25	1043	32	1.00	45.00	1440.00	85.00	3442.00	75,59%	29.41%	600.00	1506.00	11%	4961,00	612	0.00	5.12	1430 588556	9.1	4.8	1.0	94.0	87	D
Initial Production	121418 1200 PM	(11.30 AM) Dixert flow through a 3064° on per Heas Engineering Team request. Water Weight = 9.5 pag OB API = 45.56, 607° H23+ 0 PPM	186	0.00	91	25	1083	30	100	46.00	1224.00	74.00	3491.00	60,52%	31.08%	962.00	1649.00	1.1%	5042.00	5.20	0.00	1.20	1511 477908	01	41	13	20.4	6.1	0
Initial Production	12/14/18 1:00 PM	(12:45 PM) Divert flow through a 28/64" as per Heas Engineering Team request.	1.70	0.00	50	28	1002	28	100	47.00	1200.00	79.00	3643.00	6410%	35.90%	672 10	1577.00	12%	5120.00	5.27	0.00	5.27	1416 666067	01	4.0	12	20.0	0.5	D
Initial Production	1214/18 2:00 PM	(1.45 PM) Diver flow through a 26/64" as per Hess Engineering Team request.	1.67	0.00	46	30	1064	20	100	48.00	110480	76.00	3589.00	60.53%	30.47%	720.00	1607.00	12%	5196.00	534	0.00	534	1422.101-449	0.1	4.0	13	16.4	6.6	D
Initial Production	12/14/18/3:00 PM		1.40	0.00	52	17	1094	26	1:00	49.00	1248.00	99.00	3641.00	75.36%	2454%	406.00	1604.00	12%	6265.00	5.40	0.00	5.40	1121.794872	0.1	4.8	11	20.6	7.0	D

Initial Production	12/14/18 4:00 PM	Water Weight = 9.5 ppg	1.42	0.00	38	20	1091	26	1:00	50.00	91200	58.00	3679:00	65.53%	34.40%	480.00	1644.00	128	5323 00	545	0.00	546	1957.017944	0.1	49	1.5	15.2	71	0
Wei Shut in	12/14/18 6 00 PM	CH API = 4E 13 db 60°F Strut in real montal off oil propoures.	1.39	0.00	10	15	1107	28	1.00	51.00	1000.00	\$7.00	3721.00	73.00%	26.12%	360.00	1659.00	12%	5300 00	551	0.00	5.51	1378.968264	91	4.9	14	15.8	7.1	D
NPT	12/14/18 6:00 PM	Shut-in well monitor off set pressures. As instructed fless rap Kirk Schaub	0.00	0.90	0		1332		100	52.00	0.00	0.00	3721.00	-	1	0.00	1859-00	128	5380-90	5.51	0.00	4.51	149	0.0	4.0		0.0	7.2	0
NPT	12/14/10 7/00 PM	Shut-in well monitor off set pressures. As instructed Hess rep Kirk Schaob	1.00	9.00			1420		1.00	53.00	0.00	0.00	3721.00	and the	70.00	0.00	1059.00	12%	5360.00	551	0.00	5.51	1000	0.0	3.8		.00	7.5	0
NPT	12/14/18 2:00 PM	Shot-in well monitor off set pressures. As instructed Hees rep Kirk Schaub	0.00	6.00			1000		100	64,00	0.00	0.00	3721.00	100	***	0.00	1659.00	12%	5360 00	551	0.00	5.51	17 area	0.0	36	-	0.0	7.5	0
NPT	12/14/18 9:00 PM	Shut-in well receiver off set pressures. As instructed Hens rep Kirk Schaub	4.00	0.00			1663		1.00	55.00	0.00	0.00	3721.00	2950	-	0.00	1659 00	129	5360.00	5.51	0.00	5.51		0.0	3.5		.00	7.4	0
NPT	12/16/18 10:00 PM	Shut-in well monitor off set pressures. As instructed Hess rep Kirk Schulb	0.00	9.00			1085		100	56.00	0.00	0.00	3721.00	450	340	0.00	1059.00	12%	5380.00	551	000	5.61	-	0.0	3.4		00	7.5	0
NPT	12/16/10 11/00 PM	Shut-in well monitor off set pressures. As instructed Hess rep Kirk Schaub	9.00	9.90			9631		100	67.00	0.00	0.00	3721.00	100.5	MEX.	2.00	1009.00	12%	5380.00	551	0.00	5.51	-	0.0	3.5		0.9	-75	0
NPT	12/19/19 12:00 AM	Shut-is well monitor off set pressures. As instructed Hess rep Rirk Schaub	8.00	0.50			1040		1100	58.00	0.00	0.00	3721.00	1000	200	0.00	1659 00	12%	5380.00	551	0.00	5.51	-00	0.0	32	9747	0.0	7.6	D
NPT	12/15/18 1:08 AM	Shut-in well executor off set pressures. As instructed Hers rep Kirk Schaub	0.00	0.00			1010		1:00	59.00	0.50	000	3721.00	P-10	2/60	0.00	1659.00	12%	5396.00	551	0.80	5.51		0.0	3.2	1200	0.0	7.7	0
NPT	12/16/16 2:00 AM	Shut-in well monitor off set pressures.	0.00	4.00			1730		100	60.00	0.00	0.00	3721.00			0.50	1659.00	12%	5360.00	581	0.00	5.51	1	0.0	211		0.0	73	D
NPT	12/16/18 2:08 AM	As instructed Heas rep Kirk Schaub Shut-in well exestor off set pressures.	4.00	8.00			1717		1:00	W1.00	0.00	0.00	3721.00			0.00	1659.00	12%	5380.00	5.51	0.00	5.51	1833	0.0	3.1		00	7.6	D
NPT	12/10/18 4:00 AM	As instructed Hess rep Kirk Schaub Unut-in well monitor off set pressures.	101	8.00			1713		1.00	62.00	0.00	000	5721.00			0.00	1059.00	12%	5380.00	551	900	5.51		0.0	3.0		00	73	D
		As instructed Hess rep Kirk Schaub Shut-in well monitor off set pressures.														南									3450				
NPT	12/10/10 E:00 AM	As instructed Hiss rep Kirk Schaub Shut in well monitor off set pressures.	1.54	1.00	1		****		190	61.00	0.50	0.00	8721,00			0.00	1659.00	12%	5380.00	5.51	8,00	5.51		0.0	20		0.0	7.9	0
NPT	12/15/16 E:55 AM	As instructed Hase rep Kirk Schaub Shut in well exceller off set pressures.	4.04	4.00	٠.		1847		1.00	64.00	0.00	0.00	3721.00	1	100	3.00	1659.00	12%	6380.00	531	000	5.51		0.0	2.9		0.0	8.0	D
NPT	12/16/18 7:00 AM	As instructed Hess rep Kirk Schaub	8.00	1.00			***		0.50	65.00	0.00	0.00	3721.00	656	70.	0.00	1659.00	12%	5380.00	551	0.00	5.51	1	0.0	2.9	27	0.0	-81	D
NPT	12/16/18 7:39 AM	Shut-in well counter off set pressures. As instructed Ness rep Kirk Schaub Open well to fine on 2564" choke. IOP +	6.00	8.00					0.01	65.56	0.00	0.00	3721.00	1	200	0.00	1650 00	12%	5380.00	5.51	000	8.51	1 237		000	2747	0.0	8.1	0
Initial Production	12/15/18 E00 AM	(6:30 AM) Divert flow through a 32/64"	0.00	0.00	0	0	1811	25	1.00	66.00	0.00	0.00	3721.00	200	96.7	0.00	1059.00	12%	5380,00	5.51	9.00	5.51	1000	0.0	30	E RIKE	0.0	61	0
Initial Production	12/15/18 9:00 AM	(9:01 AM) Diver flow through 30/04"	1.76	0.00	93		1070	32	190	67.00	2292.00	98.80		91.90%	5.10%	120.00	1664.00	12%	5479.00	150	6.00	5.50	764.0501792	0.1	6.1	0.6	372	82	D
Initial Production	12/15/18 10:00 AM	choke. (9:30 AM) Divert flow through 35/64" choke.	3.12	0.00	81	59	1253	38	1:00	68.00	1944.00	140.00	3696.00	57.68%	4214%	1416.00	1723.00	13%	5611.00	5.72	0.00	6.72	1804,838272	91	45	0.6	32.4	82	0
Initial Production	12/15/18 11:00 AM	Water Weight = 9.5 ppg	3.04	0.00	90		1196	36	100	69.00	2160.00	136.00	3985 00	65.22%	3478%	1152:00	1771.00	1.3%	5756.00	5.84	000	SM	1407 407 407	D†	4.5	9.0	36.0	63	D
Initial Production	12/15/16 12:00 PM	OF API + 44.67 @ 50°F H2S+ 0 PPM	2.66	0.00	80	39	1142	30	1.00	70.00	1900-00	119.00	4065.00	67.27%	32.77%	596.00	1810 00	1.3%	5875.00	5.95	0.00	5.06	1365.883333	01	51	0.7	32.0	64	0
Initial Production	12/15/18 1:00 PM	(12:30 PM) Divert flow through a 36/64" choke.	2.63	0.00	75	40	1113	-36	1.00	71.00	1600-00	115.00	4140.00	65.27%	34.78%	960.00	1890.00	14%	\$890,00	6.00	800	6.06	1461.533111	0,1	5.4	0.8	30.0	84	D
Initial Production	12/15/16 2:00 PM	(1.30 PM) Direct flow through a 3464° choke.	2.24	0.00	70	31	1096	34	190	72.00	1630.00	101.00	4210.00	69.31%	30 60%	74400	1981.00	1.4%	6091.00	6.10	0.00	6.10	1333.303333	0.1	5.6	0.8	28.0	1.5	0
Initial Production	12/15/16 3:00 PM	(2:30 PM) Divert flow through a 32/64" onoise.	2.32	0.00	61	31	1063	32	1:00	73.00	1484.00	62.00	4271.00	66.30%	33.70%	744.00	1912.00	14%	6183.00	6.25	0.00	6.25	1554 699-54	0.1	5.7	1.5	244	85	D -
Initial Production	12/15/18 450 PM	Weter Weight ~ 5.5 ppg GEAP! = 45.57 & 60°F	214	0.00	59	26	1086	12	1.00	74.00	1416.00	95.00	4330,00	62.11%	37.80%	854.00	1945.00	1.6%	6279.00	634	900	634	1511 289435	01	5.8	10	23.6	16.	D
Initial Production	1215/18 500 PM	(4:30 PM) Divert flow through a 30/64" choice.	1.67	0.00	55	28	1067	30	1.00	75.00	1320.00	83.00	4385.00	66.27%	33.73%	67200	1976.00	1.4%	6361.00	6.0	0.00	40	1415 000007	01	5.9	31	22.0	87	0
Initial Production	12/15/18 6:00 PM	(5:00 PM) Started sending water to production (5:50 PM) Overted flow through a 28/64 chairs	0.75	0.00			1008	28	1.00	76.00	1504.00	96.00	4451.00	100 00%	0.00%	0.00	1976.00	1.4%	8437.00	46	6.00	6.45	473,4648485	0.1	5.0	0.9	26.4	47	D
Initial Production	12/15/18 7:00 PM	(6.30 PM) Diverted flow through a 26/64 choice	1.50	0.00	2	0	1103	20	1,00	77.00	1246.00	\$2.00	4503.00	100 00%	0.00%	0.00	1976.00	1.4%	6479.00	6.52	0.00	6.52	1282 651282	00	5.9	- 11	20.6	8.0	0
Initial Production	12/15/18 8:00 PM	Water Weight = 9.6 apg C6 API = 46.50 db 60°F	1.47	- 0.00	46	8	1112	3	1.00	78,00	1104.00	51.00	4549.00	90.20%	9.80%	120.00	1901.00	1.4%	6530.00	838	0.00	650	1331 521 739	00	5.9	13	164	- 54	D
Initial Production	12/15/18 9:00 PM	The state of the s	1.47	0.00	41	15	1104	20	100	79.00	98400	50 90	4590.00	73.21%	25.70%	360.00	1996.00	1.5%	6586.00	0.64	0.00	0.64	1493.902439	0.1	60	14	104	89	D
Initial Production Initial Production	12/15/18 10:00 PM 12/15/18 11:00 PM		1.46	0.00	41	16	1102	20	1:00	80.00	1054.00	57.90 53.00		71.93% 69.84%	28.07%	384.00 456.00	2012.00	1.5%	6043.00 6706.00	6.70	0.00	676	1483.739637	0.1	61	14	16.4	89	0
Initial Production	12/18/18 12:00 AM	Water Weight = 9.6 ppg Os AP1 = 46.67 @ 50*F	1.43	0.00		16	1103		100	82.00	984.00	57.00		71.93%		38430	2001.00	15%	6763.00	6.52	0.00	6.82	1453 252033	01	61	14	164	61	D
Initial Production	12/16/18 1 00 AM	H2S= 0 PPM	143	0.00		47	****	-	100	80.00	74400	43.00	4247.00	1000	0.000	288.00	2059.00	1.5%	5005.00	6.50	6.00	0,56	1922 043011	0.0	61	19	124	91	
Initial Production	12/16/18 1:00 AM		1.44	0.00	30	16	1009	26	1:00	84.00	936.50	55.00	4747.00 4786.00	70.01%	27.91%	364,00	2075.00	1.5%	6861.00	6.54	0.00	6.94	1922 043011	0.0	6.2	15	15.6	9.1	0
Initial Production	12/16/18/3:00 AM	WAR TO SERVE OF THE SERVE OF TH	1.40	0.06	30	16	1096	28	1:00	36.00	136.00	55.00	4825.00	70.91%	29.00%	364.00	2091.00	1.5%	6916.00	7.00	0.00	7.00	1495.736495	0.1	6.3	15	15.6	9.2	0
Initial Production	12/16/18 4 00 AM	Water Weight = 9.5 ppg Oil API = 46.94 (5.50°F	1.39	0.00	40	17	1095	26	1.00	96.00	980.00	\$7.00	4965.00	70,18%		408.00	2108.00	15%	6673.00	7.06	0.00	7.06	1847.916667	0.1	6.4	1.5	16.0	9.5	0
Initial Production	12/16/18 500 AM 12/16/18 600 AM		1,41	0.00	-60	17	1091	26	1:00	87,00 88.00	990.00 816.00	57.00 29.00	4905.00	70.18%	29.62% 30.01%	408.00	2125.00	10%	7030.00	712	0.00	7,12	1466.75 1776.560784	01	6.4	1.5	160	93	0
Initial Production	12/16/18 7:00 AM		1.42	0.00	42	20	1076	26	1.00	19.00	1000.00	62.00	4939-00	67.74%	30.01%	480.00	2160.00	1.6%	7141,00	7.16	0.00	7.24	1408.730159	01	6.6	1.4	10.6	9.4	D
Initial Production	12/16/18 800 AM	Water Weight = 9.6 ppg OE API = 46.71 (8-60*F	1.24	6,00	40	14	1064	20	1.00	80.00	960.00	54.00	5021.00	74.07%	25.93%	330.00	2174.00	1.0%	7185.00	7.26	0.06	7.20	1291 000007	0.0	0.8	15	10.0	0.5	0
Initial Production	12/16/18 9:00 AM	Married Control Section 1	1.37	0.00			1076		0:00	91.00	912.00																		

Brision 2019/04/04	WELL DATA	ASUMMARY
Clear data to	Company Name Well hame	Hess Corporation BB-FEDERAL-151-95-0817H-2
create Flowback data for new well	API Number Ansa Work Team Field	D BB
	Formation Area (Aures)	M8 1280
	Date on Location Indust Flowback Date	6/1/2019 6/16/19 12:00 PM
Show/Hide auto-	Flowback Company Responsible Contractor	TechnipFMC Joshua Turmon
populated data	Phone Contact Initial Shut-in Tubing Pressure (Pin)	701-389-9387 3,850

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event Phase	Date MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate MMscfd	Oil Volume bbi/hr	Water Volume bbi/fur	Tubing Press psi(g)	Choke Size in (#/64)	Duration hrs	Cure Time hrs	Oil Daily bbliday	Total Fluid bbl/hr	Oil Cum bbl	Oll Cut	Water Cut	Water Daily bbl/day	Water Cuns bbi	Load Recovery	Total Lig Cum bbl	Flared Gas Cum MMscf	Sales Gas Cum MMSCF	Total Gas Cem MMSCF	GOR soffishi	BEPHIETP (bbls/psi)	Cum FTPH/FTP (bbl/psi)	1/PI (psi/bbl)	BO/Stage (bbls/stg)	SQRT (t) (Hours*0.5)
And the second	Brians Too PM	Report start time	0.00			0			0:00	0	0.00	0	0	25			0	0.0%	0	0.00	0.00	0.00	353	0.0	0.0	- BEE	0.0	0.0
Standard Work Standard Work	6/16/19 10:00 AM 6/16/19 11:00 AM	(10.01) TFMC Begin RDMO to H2 (11.30) TFMC Completes RDMO, Fill							1:00	1.00	0.60	0.00	0.00	376		0.00	0.00	00%	0.00	0.00	0.00	0.00	1	100 C	WAZ-	Maria .	0.0	10
CONTROL WORK	0.000.000	lines for Pressure Testing. (12:00) Arp Testing arrives on location. Begins High Pressure test on 2" 1502 Line.																										
Standard Work	6/16/19 12:00 PM	(12:10) Pressure test pass. (12:15) Begins Low Pressure test on 3° 206 line.							1:00	2.00	0.00	0.00	0.00	-	2 -10- 3	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	No.	ales.	ANG	1949	0.0	14
		(12:25) Pressure test pass/complete. (12:30) TFMC begins maintenance and completes checklists before opening. (1:10) Intermediate casing began to rise																5333					133	13.55				
Standard Work	6/16/19 1:00 PM	to 1500 psi(g). TFMC bleeds off to open top. (1.50) Casing bled off to 0 psi(g) (2.00) Open well to flow on a 24-64							1.00	3.00	0.00	0.00	0.00	17922	-	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	Marin III	3100	Tor 1	7000	0.0	17
Initial Flowback	6/16/10 2:00 PM	choke with an IOP of 3,650 pat(g) to HISO186 Immediate Gas and Gif to surface					3850	24	0:05	400	0.00	0,00	0.00	reside .	A	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	-	0.0	0.0	24.1	00	20
Initial Production	6/16/19 2:05 PM	(2.05) Oil to Production on a 24/64" choke with a WHP of 2,735 psi(g)					2735	24	0:55	4 08	0.00	0.00	0.00	TENES -	Shirt	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	7000	0.0	0.0	*201	0.0	2.0
Initial Production	6/16/19 3:00 PM	(4'00) Increase choke to 28/64"	2.40	0.00	1	36	2507	24	1:00	5.00	24.00	36.00	1.00	2.78%	97 22%	849 00	35.00	0.0%	36.00	0.10	0.00	0.10	100000	0.0	0.0	56.0	0.8	22
Initial Production	6/16/19 4:00 PM	Water Weight = 9.8 ppg Oil Api = 46.53 @ 60°F	2.19	0.74	97	54	3114	24	1:00	600	2328.00	151.00	98.00	84.24%	35.76%	1296.00	89.00	0.1%	187 00	0.18	0.03	0.22	1257 731959	0.0	01	0.3	75.1	24
Initial Production Initial Production	6/16/19 5:00 PM 6/18/19 6:00 PM	(6:08) Increase choke to 32/64"	2.50 3.48	0.60	118	43	2645 2488	28 28	1:00	7.00	2832 00 3144 00	161 00	216.00 347.00	73.29%	26.71% 25.99%	1032 00	132 00	0.1%	348 00 525.00	0.30	0.06	0.35	1095.045198	01	0.1	0.4	91.4 101.4	2.6 2.6
Initial Production	6/16/19 7:00 PM		4.35	0.00	130	34	2007	32	1:00	9.00	3120.00	164.00	477.00	79.27%		818.00	212.00	0.1%	689.00	0.62	0.06	0.68	1394.230769	0.1	0.3	0.4	100.6	3.0
Initial Production	6/16/19 8:00 PM	(8:00) Increase choke to 36/64" Water Weight = 9:9 ppg	4.65	0.00	163	43	2700	32	1:00	10.00	3912.00	206.00	640.00	79.13%	20.87%	1032.00	255.00	0.2%	895.00	0.62	0.06	0.87	1186 650307	0.1	0.3	0.3	126.2	3.2
Initial Production	6/16/19 9:00 PM	Oil Api = 44 62 (0 60°F	5.31	0.00	174	40	2527	36	0:06	11.00	4176.00	214.00		81,31%	18.69%	960.00	296.00	0.2%	1109.00	1.04	0.06	1.00	1271 551724	21	0.4	0.3	154.7	3.3
Well Stut in	G/18/10 9 06 PM	Blue Light/High Level Alarm					34.52		0.01	11.10	0.00	0.00	814.00	4400	234	0.00	295.00	0.2%	1109.00	1.04	0.06	1.09	-	0.0	0.3	arie.r	0.0	33
NPT	6/16/19 9:07 PM	Production Tester, Production working on clearing salt blockage from Oil Dumo Open to Flow to HS-0088 on a 32/64							0.26	11.12	0.00	0.00	814.00	200	1500	0.00	296.00	0.2%	1109.00	1.04	2.05	1.09	- week	I AMES	April	2900	00	33
Initial Production	6/16/19 9:35 PM	Choke at 3,400 PSI3					3400		0:25	11.58	0.00	0.00	814.00	79.444	200	0.00	295.00	0.2%	1109.00	1.04	0.06	1.09	1855.30303	0.1	0.5	0.5	85.2	34
Initial Production Initial Production	6/16/19 10:00 PM 6/16/19 11:00 PM	(23.54) Increase chake to 34/64"	4.37	0.00	110	36	2639 2756	32	1:00	12.00	2640.00 3864.00	141.00 197.00	1085.00	78.01% 81.73%	21.99% 18.27%	744.00 864.00	326.00 362.00	0.2%	1250 00 1447 00	1.22	0.06	148	1260.361967	0.7	0.5	03	124.6	36
Initial Production	6/17/19 12:00 AM	(12:45) Decrease choke to 32:64" Water Weight = 9.8 ppg Oil Api = 45.15 @ 60"F F2S = 0%	6,07	0.00	185	36	2638	34	1.00	14.00	4440 00	221.00	1270.00	83,71%	16:29%	864.00	398.00	03%	1668 00	1.63	0.06	169	1141.891892	0.1	0.6	03	143.2	37
Initial Production	6/17/19 1 00 AM 6/17/19 2:00 AM		4.42	0.00	158 155	36	2553 2697	32	1.00	15.00	3744 00 3720 00	192.00		61.25% 80.31%		864 00 912 00	434.00 472.00	0.3%	1860.00 2053.00	1 82 2.02	0.06	1.87	1180 688588 1284 946237	01	0.7	03	120.8	3.9 4.0
Initial Production Well Shut in	6/17/19 2 DE AM	GWIF 3497	4.78	0.00	100	- 20	5497	32	0.01	16.13	0.00	0.00	1581.00	575	12.00%	0.00	472.00	0.3%	2053.00	2.02	0.08	207	1000	0.0	0.6	1167	0.0	4.0
NPT	0/17/19 2:00 AM	Blue Light/High Level Alarm Production Teater, two Phase Secentator dumo lazue Open to Flow to HS-0088 on a 32/64							0.24	16.15	0.00	0.00	1581.00	artic.	200	0.00	472.00	03%	2053.00	2.02	0.06	2.07	450	2421	1975	18.7	0.0	40
Initial Production Well Shut in	6/17/19 2:33 AM 6/17/19 2:37 AM	Choice at 3.497 PSIG SWIP.3497					349T	32	2.01	16.62	0.00	0.00	1581.00	1000	6500	0.00	472.00 472.00	0.3%	2053.00	2.02	0.06	207	2017	0.0	0.6	2002	0.0	41
NPT	6/17/19 2:38 AM	Blue LightHigh Level Alarm Production Teater, two Phase Seperator dump (asse							022	16.63	0.00	9.00	1581.00	Zim,	A1130	9.00	472.00	0.3%	2053.00	2.02	0.06	207	2,62	PCI.	21.57	3101	0.0	41
NPT	6/17/10 3:00 AM	Production is working on the issue					3481		0.40	17.00	0.00	0,00	1681.00	Half. S.	Her	0.00	472.00	0.3%	2053.00	2.02	0.08	2.67	3436	0.0	0.0	1000	0.0	41
Initial Production	6/17/19 3:40 AM	Open to Flow to HS-0088 on a 32/64 Choke at 3,471 PSIG					3471	32	0.05	17,87	0.00	0.00	1581.00	2000	1010	0.00	472.00	0.3%	2053.00	2.02	0.06	2.07	911/2	0.0	0.0	487	0.0	4.2
Well Shot in	8/17/18 3.45 AM	SWIP 3193 Blue Light/High Level Alarm					3393		0.01	17,75	0.00	0.00	1581.00	Street,	4500	0.00	472.00	0.3%	2053.00	2.02	0.06	2.67	- Min	0.0	0.6	- 3407	0.0	4.2
NPT	6/17/19 3:46 AM	Production Teater, two Phase Seperator dump issue							0.14	17.77	0.00	0.00	1581.00	2765	15-10	0.00	472.00	0.3%	2053.00	2.02	0.06	2.07	2167	1000	2000	3142	0.0	4.2
NPT	6/17/19 4:00 AM	Shut in waiting on new two phase dump.					3490		1:00	18.00	0.00	0.00	1581.00	100	Dairy .	0.00	472.00	0.3%	2053.00	202	0.06	2.07	1100	0.0	0.6	CHE LE	0.0	42
NPT NPT	6/17/19 5:00 AM 6/17/19 6:00 AM	100					3550 3585		1:00	19.00	0.00	0.00	1581.00	2000	200	0.00	472.00 472.00	0.3%	2053.00 2053.00	2.02	0.06	2.07	#13L) *	00	0.6	ADD TO	0.0	44
NPT	6/17/19 7:00 AM						3601		0.15	21.00	0.00	0.00	1581.00	302	10000	0.00	472.00	0.3%	2053.00	2 02	0.06	2.07	1000	0.0	0.0	Jest et	0.0	40
Initial Production	6/17/19 7:15 AM	(7:15) Open Well to flow on a 32/64" choke with a WHP of 3,620 psi(g)					3620	32	0.44	21.25	0.00	0.00	1581.00	2000	22.75	0.00	472.00	0.3%	2053.00	2 02	0.06	2.07	distri	0.0	0.6	HARM	0.0	4.5
Well Shut in NPT	6/17/19 7:50 AM 6/17/19 8:00 AM	(7:59) Blue Light due to High level in			79	24	3001		0.01	21,98	1896.00	103.00	1581.00	75.70%	23.30%	576.00	472.00	0.3%	2053 00	2.02	0.06	2.07	0	0.0	0.7	20	81,2	47
Initial Production	6/17/19 B 22 AM	3 Phase Treater. (8:22) Open well to flow on a 28/64" per Production Hand until Hot Oller flushes		E TOTAL			3562	26	0.38	22.37	0.00	0.00	1660.00		2000	0.00	496.00	0.3%	2156.00	2.02	0.06	2.07	300.3	0.0	0.6	August 1	0.0	47
		their dumps. WHP: 3,502 psi(g)										D. Carlo	1000	1000								11 1 1 N	The same of the sa	17 334	1	1000	N. DESTRUCTION	100
Initial Production Initial Production	6/17/19 9:00 AM 6/17/19 10:00 AM	(9.00) Increase choke to 32/64" (10:00) Increase choke to 34/64"	3.30 4.80	0.00	174	14 34	2744 2634	28 32	1:00	23.00	2376.00 4176.00	113.00		87.61% 83.65%		335.00 816.00	510.00 544.00	0.3%	2269.00 2477.00	2.15	0.06	2.21 2.41	1365.886589 1149.425287	0.0	0.6	0.5	76.6 134.7	4.8
Initial Production	6/17/19 11:00 AM	(11:00) Increase choke to 36/64" (12:00) Water Weight = 9.8 ppg	5.00	0.00	163	42	2554	34.	1:00	25.00	3912.00	205.00		79.51%		1008,00	586.00	0.4%	2682.00	2 66	0.06	2.62	1276.118609	0.1	1.1	0.3	120.2	5.0
Initial Production	6/17/19 12:00 PM	OIL API = 42.42 @ 60°F H2S = 0 ppm (1:00) Target of 225+/-10 bfph met. 24	5.50	0.00	171	39	2455	36	100	26.00	4104.00	210,00	1000	81,43%	1911	936 00	625.00	0.4%	2892 00	2.79	0.00	2.85	1340 155945 1296 296298	0.1	1.3	0.3	132.4	52
Initial Production	6/17/19 1 00 PM 6/17/19 2 00 PM	Hr Countdown begins.	5.60 5.70	0.00	180	52	2455 2460	36	1:00	27.00	4320.00 4080.00	230.00	100000	78.26%		1200.00	675.00 727.00	0.5%	3122.00 3344.00	3.02	0.08	3.08	1397 058824	01	1.4	0.3	131.6	53
Initial Production	6/17/19 3.00 PM		5.70	0.00	172	45	2460	36	7:00	29 00	4128 00				20 74%				3561.00	3.50	0.06	3.56	1380.813953	0.1	1.4	0.3	133.2	54

Initial Production	6/17/19 4:00 PM	Water Weight = 9.8 ppg Oil API = 43.02 tb 60°F	8.70	0.00	180	41	2455	36	1.00	30.00	4320.00	221.00	2969.00	81.45%	18.55%	984.00	813.00	0.5%	3782.00	3.74	0.06	3.79	1319.444444	0.1	1.5	0.3	139.4	5.5
Initial Production	6/17/19 5:00 PM	(6.00) Decrease choke to 34/64" per Production Hand due to salted dumps	5.80	0.00	138	27	2462	36	100	31.00	3312.00	165.00	3107.00	83.64%	16.36%	648.00	840.00	0.6%	3947.00	3.98	0.00	4.03	1751.207729	01	1.6	04	106.8	5,6
Initial Production	6/17/19 6:00 PM	and treater levels getting too high.	5.11	0.00	168	36	2548	34	100	32 00	4032 00	204.00	100000	82.35%		864.00	876.00	0.6%	4151 00	419	0.06	4.25	1267.361111	01	16	0.9	130.1	5.7
Initial Production	6/17/19 7:00 PM	(7:90) Increase choke to 35/64" Water Weight = 9.8 ppg	5.30	0.00	175	29	2513	34	1:00	33.00	4200.00	204.00	3450.00		14 22%	696.00	905.00	0.0%	4355.00	4.42	0.06	4.47	1283 333333	01	1.7	0.3	136.5	5.7
Initial Production	6/17/19 8:00 PM	Oil API = 44.46 @ 60°F	5.79	0.00	167	36	2428	36	1:00	34.00	4008.00	203.00		82.27%	100 CO (10)	864.00	941.00	0.6%	4558.00	4.60	0.06	471	1444.610778	0.1	1.9	04	129.3	5.8
Initial Production Initial Production	6/17/19 9:00 PM 6/17/19 10:00 PM	(9.90) Increase choke to 38/64"	5,76 6.23	0.00	179	33	2431 2332	38	1:00	36.00	4296.00 4296.00	212.00		82.87%		792.00 868.00	1011 00	0.6%	4770.00 4986.00	4.90 5.16	0.06	4 95 5.21	1340.782123 1450.18622	0.1	2.0	0.4	138.6 138.6	6.0
Initial Production	6/17/19 11:00 PM	(12.00) Water Weight = 9.8 ppg	6.14	0.00	186	- 38	2823	38	1.00	37.00	4404.00	224.00	4161.00	83 04%	16.96%	912 00	1049.00	0.7%	5210.00	5.41	0.06	5.47	1375 448029	0.1	2.2	0.3	144.0	6.1
Initial Production	6/16/19 12:00 AM	OIL API = 43.79 @ 60"F H2S = 0 ppm	6.13	0.00	186	51	2311	38	1.00	38,00	4464.00	237.00	4347.00	78.48%	21,52%	1224.00	1100.00	0.7%	5447.00	5.67	0.06	5.72	1373.207885	01	2.4	0.3	144.0	6.2
Initial Production	6/18/19 1:00 AM	100	6.12	0.00	180	43	2309	38	1:00	39 00	4320.00	223.00	4527.00		19.28%	1032.00	1143.00	0.7%	5670.00	5.92	0.05	5.98	1416 006567	0.1	2.5	0.4	139.4	8.2
Initial Production Initial Production	8/18/19 2:00 AM 8/18/19 3:00 AM		6.11	0.00	189	40	2308 2303	38	1.00	40.00	4536,00 4392,00	224.00		82.06%	17.94%	840.00 960.00	1176.00	0.7%	5894.00 6117.00	6.18	0.06	6.23	1347.001764 1386.612022	01	2.5	0.3	146.3	6.4
Initial Drack others	8/18/19 4:00 AM	(4:02) Decrease choke to 34/64" per Production Hand Due to oil Tank	410	200	450		2000			47.00	4300.00	244.00					1000.00	-	W114 W1					1			7 mg 1	
Initial Production	01019 4 00 AM	Volume Water Weight = 9.8 ppg Oil API = 43.90 @ 60°F	6.10	0.00	180		2298	30	1.00	42.00	4320.00	214.00	5079.00	84.11%	10.89%	816.00	1252 00	0.8%	6331.00	6.60	0.06	674	1412.037037	0.1	2.8	0.4	139.4	6.5
Initial Production Initial Production	5/18/19 5:00 AM 5/18/19 6:00 AM		5.38 5.30	0.00	157	34	2481	34	1.00	43.00	3766.00	191.00	5236.00		17.80%	816.00	1285.00	0.8%	6522.00	6.91	0.06	6.97	1427.813163	0,1	2.6	0.4	121.5	0.0
Initial Production	6/18/19 7:00 AM		5.30	0.00	175	28	2484 2482	34	1:00	44.00 45.00	4200.00 3758.00	212.00 185.00	5411.00	82.55% 64.86%	17.45%	888.00 672.00	1323.00	0.8%	6734.00 6919.00	7 13 7.35	0.06	7.19 7.41	1261 904762 1408 581741	0.1	27	03	135.5 121.5	6.6
Initial Production	8/18/19 8:00 AM	(8:00) Decrease choke to 32/64" per Production hand until LACT is fixed.	5.30	400	-		2472			46.00	2004.00	-						1	7110.00									
Initial Production	Grieria o on ven	Water Weight = 9.7 ppg Oil API = 42.41 @ 60°F	0.80	0.00	100	-	2412		1.00	40.00	3984.00	290,00	6734.00	83.00%	17.00%	818.00	1385.00	0.9%	7119.00	7.57	0.06	7.63	1330.321265	0.1	2.9	0.3	128.5	0.8
Initial Production	6/18/19 9:00 AM 6/18/19 10:00 AM		4.90	0.00	158	34	2545	32	100	47 00	3792.00	192.00	5892.00		17.71%	816.00	1419.00	0.9%	7311.00	7.78	0.06	7.83	1292.194093	0.1	2.9	03	122.3	6.9
Initial Production Initial Production	6/16/19 11:00 AM	and the second	5.00	0.00	152	32	2533 2532	32	1:00	48.00 49.00	3864.00 3648.00	193.00	6053.00	83.42%		768.00 792.00	1461.00	0.9%	7504.00 7689.00	7.98 6.19	0.06	8.04 6.25	1293 995859 1370 614035	0.1	3.0	0.3	124.6 117.7	6.9 7.0
Initial Production	6/18/19 12:00 PM	Water Weight = 9.7 ppg Oit API = 43,44 @ 60°F	4.90	0.00	157	28	2526	32	1:00	50.00	3758.00	185.00	6362.00	84.85%	15,14%	672.00	1512.00	1.0%	7674.00	8.40	0.06	6.45	1300 424628	0.1	3.1	04	121.5	7.1
		H2S = 0 ppm (1:00) LACT is fixed. We will resume						1		102500			1333	115	2300	The said	2000			V 59/34/2013	THE PARTY			1882				100000
Initial Production	6/18/19 1:00 PM	schedule and target 225*/- 10 bfph for 24 consective hours.	2.00	0.00	157	25	2525	32	1.00	51.00	3766.00	182.00	8519.00	86.26%	13.74%	660.00	1537.00	10%	8056.00	8.48	0.06	8.54	530 7855626	0.1	3.2	0.4	121.5	7.1
		(1 30) Increase choke to 34/54"							1000	18 23 3	188	18 80	556	200		16/16/19	STATE OF			0 13 TH	14 - 1 - 1				2.34	S. C. 1832	112386	STEWAR
Initial Production	6/18/19 2:00 PM	(2.30) Increase choke to 36/64" (2.30) Increase choke to 38/64"	5.10	0.00	148	47	2442	34	1.00	52.00	3552.00	195 00	6667.00	75.90%		1128.00	1584.00	1.0%	8251.00	8.69	0.06	8.75	1435.810811	0.1	34	0.4	114.6	7.2
Initial Production	8/18/19 3:00 PM 8/18/19 4:00 PM	Water Weight = 9.7 ppg	6.00	0.00	148	32	2202	38	1.00	53.00	3552 00	180 00	6980.00	82.22%	17.78%	768.00	1616.00	1.0%	8431.00	8.94	0.06	9.00	1660 189189	0.1	3.8	0.5	114.6	73
Initial Production	6/18/19 5:00 PM	OI API = 43.44 @ 60°F	5.90	0.00	171	30	2238 2246	38	1.00	54.00	3960 00 4104 00	210.00	7151.00	81 42%	15.38%	720 00	1640.00	10%	8838.00	9.19	0.06	9.25	1515 151515 1437 621832	0.1	3.9	0.4	127.7	7.3
Initial Production	6/18/19 6:00 PM	(6.05) Decrease choke to 36/64" per Production hand until LACT is fixed	6.10	0.00	189	40	2171	40	1:00	56.00	4536.00	229 00	7340.00	82.53%	17.47%	960.00	1725.00	1.1%	9065.00	9.59	0.08	9.76	1344 797178	0.1	42	0.4	146.3	7.5
		(7:30) LACT is fixed. We will resume			-								1000			BEE BU	10000								THE REAL PROPERTY.		186919	
Initial Production	6/18/19 7:00 PM	schedule and target 225+/- 10 bfph for 24 consective hours, increase choke to	5.52	0.00	138	56	2370	36	1:00	57,00	3312 00	174.00	7478.00	79.31%	20.69%	864.00	1761.00	1.1%	9239.00	9.1/2	0.06	9.98	1665.686667	0.1	3.9	0.4	105.8	7.5
Initial Production	6/18/19 8 00 PM	38/04" Water Weight = 9.7 ppg	6.31	0.00	144	- 20	2244	26	1:00	58.00	3456.00	173.00	7622.00	83.24%	16.76%	696.00	1790.00	1.1%	9412.00	10.19	0.06	10.24	1825 810185	0.1	42	4.5	111.5	7.6
Initial Production	6/16/19 9 00 PM	Oil API = 43.09 (2) 60°F (9 00) Target of 225*/-10 bfph met. 24			-		-	-	A STATE OF			1		10000			F11000				CONTRACTOR OF THE PARTY OF THE				42	0.5	C. SEE ST.	
Initial Production	6/18/19 10:00 PM	Hr Countdown begins.	6.12	0.00	179	36	2199	30	1:00	59.00	4680.00 4296.00	234 00	7817.00	10000000	16.74%	936.00	1829.00	12%	9845.00	10.44	0.06	10.50	1307 692308	0.1	4.5	0.4	151.0	7.7
Initial Production	6/18/19 11:00 PM	180 Mil William Malaka - 0.0 con	3.00	0.00	177	42	2294	38	1:00	61.00	4248.00	219 00	8173.00	80.82%		1008 00	1907.00	1.2%	10080.00	10.82	0.06	10.87	706.2146693	0.1	4.4	0.4	137.0	7.8
Initial Production	6/19/19 12:00 AM	(12:00) Water Weight = 9.8 ppg OIL API = 43.05 @ 60°F	5.98	0.00	176	42	2189	38	1:00	62.00	4224.00	218 00	8349.00	80.73%	19.27%	1008.00	1949.00	1.2%	10298.00	11.07	0.06	11.12	1415.719697	0.1	4.7	0.4	130.3	7.9
Initial Production	6/19/19 1.00 AM	H28 = 0 ppm	6.02	0.00	186	39	2187	38	100	63 00	4464.00	225.00	6535.00	82.67%	17 33%	938.00	1988.00	1,3%	10523.00	11.32	0.06	11.37	1348.586308	0.1	4.8	0.4	144.0	7.9
Initial Production Initial Production	6/19/19 2:00 AM 6/19/19 3:00 AM		6.02	0.00	174	38	2185 2183	38	1:00	64.00 65.00	4176.00 4209.00	212.00	8709.00 8884.00	82.08%	17.92%	912 00	2026.00	1.3%	10735.00	11.67	0.06	11.62	1441 570881	0.1	4.9	0.4	134.7	8.0
Initial Production	6/19/19 4 00 AM	Water Weight = 9.7 ppg	6.01	0.00	180	39	2179	38	1:00	65.00	4320.00	219.00	9064,00	82.19%	17.81%	936.00	2105.00	1.7%	11169.00	12.07	0.06	12 12	1391 203704	-0.1	5.1	0.4	136.6	8.7
Initial Production	6/19/19 5:00 AM	Oil API = 43.10 @ 80°F	6.00	0.00	177	40	2175	38	1:00	67.00	4248 00	217.00	9241.00	81.57%		960.00	2145.00	1.4%	11385.00	12.32	0.06	12 37	1412 429379	01	5.2	0.4	137.0	8.2
Initial Production Initial Production	6/19/19 6:00 AM 6/19/19 7:00 AM		5.90 5.90	0.00	180	43	2171 2178	38	1:00	69.00	4320.00 4248.00	223.00	9421.00			1032.00 816.00	2188 00 2222 00	14%	11809 00	12.56 12.81	0.06	12.82	1365.740741	0.1	5.3	0.4	139.4	8.2
Initial Production	6/19/19 8:00 AM	(8 00) Increase choke to 40/64" Water Weight = 9.7 ppg	5.90	0.00	163	42	2168	38	1:00	70.00	3912.00	205.00	9761.00	79.51%		1008.00	2264 00	1.4%	12025.00	13.06	0.06	13 11	1505 179959	0.1	5.5	0.4	126.2	8.4
Initial Production	G/19/19 9:00 AM	Oil AP1 = 42.56 @ 50°F	6.00		+**		7	-		10000		105723	1300		333								100000000000000000000000000000000000000					100000000000000000000000000000000000000
Initial Production	6/19/19 10:00 AM		6.00	0.00	184	43	2128 2124	40	1:00	71.00	4296.00 4416.00	219.00	10124.00	81.06%	18.04%	1032.00	2304 00 2347 00	1.5%	12244 00 12471,00	13.31	0.06	13.36	1395 648045 1368 695652	0.1	59	0.4	138.6	8.4
Initial Production	6/19/19 11:00 AM	(12:00) Target not hit for 2 hours,	6.00	0.00	169	32	2115	40	1:00	73.00	4056.00	201.00	10293.00	84 08%	15.92%	768.00	2379.00	1.5%	12672 00	13.81	0.06	13.86	1479.289941	0.1	6.0	0.4	130.8	8.5
		Production Hand asked that we remain on 40/54" to keep from high leveling the											1000								Set 100						7 18 18 18	
Initial Production	6/19/19 12:00 PM	trester. Water Weight = 9.7 ppg	8.00	0.00	173	36	2108	40	1:00	74.00	4152.00	209.00	10466.00	82.78%	17.22%	864.00	2415.00	1.5%	12881,00	14.00	0.06	14.11	1445 086705	0.1	0.1	0.4	133.0	8.8
Eleminate State		Oil API = 42.82 @ 60°F H2S = 0 ppm				1				BAR BA		THE STATE OF	1000		19/2/3		STATE OF THE PARTY		(CONT.)				1000000		2000	THE PARTY OF THE	SPORTER	THE PERSON NAMED IN
Initial Paradustics	6/19/19 1:00 PM	(1:30) Decrease choke to 34/64" per	600	1	-		5400	We at			*****		10000		20.000	****	2400	1184	*********			128	1000		Malian W	1		100000000000000000000000000000000000000
Initial Production	JIM IN THE PM	production until Hot oiler flushes dumps.	5.20	0.36	157	47	2108	-40	1:00	75.00	3768,00	204.00	10023.00	10.90%	23.04%	1126 00	2462.00	1.0%	13085 00	14.27	0.07	14.34	1478.11465	0.1	6.2	0.5	121.5	8.7
Initial Production	6/10/19 2 00 PM	(2:00) Hot Oiler arrives, flushes dump. (2:30) Increase choke to 38/64*	4.80	0.41	160	23	2362	34	1:00	75.00	3840.00	100000000000000000000000000000000000000	10783.00	120000	000000000000000000000000000000000000000	662.00	2485.00	1.6%	13268 00	14.47	0.09	14.96	1355.770833	0.1	5.6	0.4	123.0	8.7
Initial Production	6/19/19 3:00 PM 6/19/19 4:00 PM	Water Weight = 9.7 ppg	5.30	0.67	150	41	2140	38	1:00	77.00	3800.00	-	10933.00	1000000	36000000	984.00	2528.00	1.0%	13459.00	14 69	0.12	14.81	1659 444444	0.1	6.3	0.5	116.1	8.8
Initial Production	6/19/19 5:00 PM	Oli API = 42.74 @ 80°F	5.50	0.37	179	43	2139 2133	38	1:00	78.00	4298,00 4248.00	222.00	ESSENSE:	83 59%	30-19-51-	1032.00	2509 00	1.6%	13681.00	14 92	013	15.05	1365.223464 1426.318267	01	65	0.4	138.6	8.8
Initial Production	6/19/19 6:00 PM		5.40	0.47	175	46	2125	35	1:00	80 00	4200.00	221.00	11464.00	79.19%	20.81%	1104 00	2649.00	1,7%	14113.00	15.38	0.17	15.55	1395.238095	0.1	66	0.4	135.5	8.9
Initial Production	6/19/19 7:00 PM 6/19/19 8:00 PM	Water Weight = 9.8 ppg	5.40	0.46	177	43	2126	38	1.00	81,00	4248.00	CO (1) (1) (1)	11841.00	1000000	2230	1032.00	2692.00	1.7%	14333.00	15.61	0.19	15.80	1379.472603	0.1	6.7	0.4	137.0	90
Initial Production	6/19/19 9:00 PM	Oil AFI = 43.76 @ 60°F (9:00) Decrease choks to 35/64	4.04	0.90	176	39	2123 2115	35	1:00	83.00	4080.00	100000	11811.00	10000000		954 D0 936 D0	2728 00	17%	14539 00	16.64	0.20	16.04	1433 823529 1382 575758	0.1	7.0	0.4	131.6	9.1
Initial Production	6/19/10 10 00 PM 6/19/10 11:00 PM		4.73	0.71	164	34 33	2236	36	1:00	84.00	3936.00	195.00	12151.00	82,83%	17.17%	816.00	2801.00	1.8%	14952.00	16.24	0.27	16.51	1382,113821	0.1	6.7	0.4	127.0	9.2
Initial Production		(11:00) Decrease choke to 34/64 Water Weight = 9.7 ppg	5.04	0.38	164		2231	36	1:00	85.00	3936.00	1000	12315 00	0.550	52107.00	792.00	2834.00	1.8%	15149.00	16.45	0.29	16.73	1377 03252	01	6.8	0.4	127.0	9.2
Initial Production	6/20/19 12:00 AM	Oil API = 44.16 @ 60°F H2S = 0 ppm	4.73	0.37	156	33	2322	34	1:00	86.00	3744.90	189.00	555,000	1000	1000	792.00	2867.00	1.6%	15338.00	16.64	0.30	16.95	1362 179487	01	66	0.4	120.0	9.3
Initial Production Initial Production	6/20/19 1 00 AM 6/20/19 2:00 AM	(1:00) Decrease choke to 32/64	4.42	0.67	154	31	2314 2381	34 32	1:00	87.00 88.00	3696.00	185.00	12625.00	83.24%		744.00 720.00	2898.00 2928.00	1.8%	15523 00 15707 00	16.63	0.33	17.16	1377.164502 1301.406906	01	67	0.4	119.2 119.2	9.3
Initial Production	6/20/19 3:00 AM	(3.00) Decrease choke to 30/64 (4:00) Decrease choke to 28/64Water	4.20	0.31	143	36	2389	32	1.00	89.00	3432.00		12922 00			864.00	2064.00	1.9%	15686.00	17.19	0.30	17.55	1311.188811	0.1	6.6	0.4	110.7	0.4
Initial Production	6/20/19 4:00 AM	Weight = 9.7 ppg Oil API = 43.95 @ 60°F	3.65	0.25	135	30	2460	30	1:00	90.00	3240.00	195.00	13057.00	81.82%	18.18%	720.00	2994 00	1.0%	16061.00	17.35	0.37	17.72	1265 432099	01	6.5	0.4	104.5	9.5
Initial Production	6/20/19 5:00 AM	(5.00) Decrease choke to 25/64	3.90	0.21	135	31	2459	28	1:00	91.00	3240.00		13192 00			744.00	3025 00	1.9%	16217.00	17.51	0.36	17.89	1208.518519	01	6.6	0.4	104.5	9.6
Production through Facilities	6/20/19 6:00 AM	(6:00) Decrease choke to 24/64 (7:15) Turned over on a TFMC 24/64"	2.70	0.45	115	42	2677	25	1:00	92.00	2760,00	157.00	13307.00	73.25%	20.75%	1008.00	3067.00	1.9%	16374.00	17.62	0.40	18.02	1142.391304	0.1	6.1	0.4	89.0	9.6
Flowback operations complete	6/20/19 7:00 AM	choke to Production 15/64" choke at 2,763 psi(g). Manifold sand sample =		0.50	104		2763		0:00	93.00	2495.00	125.00	13411.00	83.20%	16.80%	504.00	3088 00	2.0%	16499.00	17.74	0.42	18 10	1323 317308	0.0	60	0.4	80.5	26
		0.01%						-	200	- 22		10000	1000	1823	200	Total State of the last	Con and		2000	HALL BE	8		18 53				-	

Create Flowback API Nameser D Create Flowback API Nameser D Create Flowback BB BB Florid fillow TF 1280 Clark on Location 6/1/2019 Clark on Location 6/1/2019 Clark on Location 6/1/2019 Clark on Location Clark on Location	ersion 20190404	WELL DATA	A SUMMARY
Field BB Formation TF		Well Name API Number	BB-FEDERAL-151-95-0817H-3
Date on Location	data for new well	Field Formation	98 TF
Show/Hide auto- Responsible Contractor Joshua Turmon		Date on Location	6/1/2019
populated data Indial Shut-in Tubing Pressure (Pul) 1,285		Figeback Company Responsible Contractor Phone Contact	TechnipFMC

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EDIT CELLS BHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

FRAC JOB	SUMMARY	
Type Frac Job	Hydraulic Frac	
TOTAL Cinan Fluis Pumped	104,086	
TOTAL Sand Pumped	5,048,598	
Proposed # Stages	31	
Effective # Staces	31	

Event Phase	Date MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate Millschi	Oil Volume bb/hr	Water Volume bbl/hr	Tubing Press psi(g)	Choke Size	Duration	Cum Time	Oil Daily bibliday	Total Fluid	Oil Cum bbl	Oil Cut	Water Cut	Water Daily bbliday	Water Cure	Loud Receivery	Total Liq Cum bbl	Flared Gas Cem Wildscf	Sales Gas Cum MMSCF	Total Gas Cum MMSCF	GOR school	BFPHFTP	Cum FTPH/FTP	1/Pl (psi/bb0)	BO/Stage (bbls/stg)	SQRT (t) (Hours*0.5)
	8/15/10 10:00 PM	Report start time	0.00	0.00	0	0		0	0.00	0	0.00	0	0				0	60%	0	0.00	0.06	0.00	1,500	0.0	0.0		0.0	0.0
Standard Work Standard Work	6/13/19 10:00 AM 6/13/19 11:00 AM	(10:10) TFMC began RDMO to H3 (11:46) TFMC begin to Fill Lines for PT						13 33	1.00	1.00	0.00	0.00	0.00	200	132	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	500	1000	1000	200	0.0	1.0
Standard Work	6/13/19 12:00 PM 6/13/19 1:00 PM	(12:15) Filling Lines complete.							1.00	2.00	0.00	0.00	8.00	15 4	75	0.00	0.00	0.0%	0.00	0.00	0.00	0.00		77/265	123-	22/2	0.0	1.4
Standard Work Standard Work	6/13/19 2:00 PM	(1:30) Arp Testing arrives on location (2:00) Arp Testing begins pressure test.							1:00	1.00	0.00	0.00	900		1	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	ADDA.	2 20	77.5	7-2-	0.0	20
Guerand Work	0.0141.00.00	(2.60) Pressure Test complete.	-	-	-		-	-	100			1	-	1	200		0.00		-	-				1000	1			100000000000000000000000000000000000000
		(3,00) Open well to flow on a 24/64" choke with an IOP of 1,285 pai(g) to the			1	100					183			1					100			1000	1000			100000		
Intel Flowback	6/13/19/3:00 PM	open top through the byposs. Pressure dicapped to 600 paligi white flowing					1385	- 28	0.32	5.00	0.00	0.00	0.00	25.07	1601	0.00	6.00	0.0%	0.00	0 00	0.00	0.00	1 197	0.0	0.0	30-40	0.0	2.2
		continuously decreasing. Open well up an a 95/54" to unload the wallscre.		I de la constante de la consta	1	100					1000			1000	13				13.70					100			913	
Well Shut in	8/13/19 2:32 PM	SMP. 16 ps(g)					16		0.01	5.53	0.00	0.00	0.00	400	1000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	89.79	0.0	0.0	2170	0.0	2.4
		(3:32) Production Blue lighted while							1000		100		1000									10000			1	100000		
NPT	6/13/10 3:33 PM	flowing to the open top unloading the well. Lost all pressure immediately.							0.02	5.55	0.00	0.00	0.00	No.	1000	0.00	0.00	6.0%	0.00	0.00	0.00	0.00	Dire .	0.00	mai	5000	0.0	24
		False Alarm causing the blue light per production.							13.5			1000		200	1000		1990	1993				100000				1000	Part of	100000000000000000000000000000000000000
STATE OF THE PARTY		Open well to low on a 96/64" chose		100000	11200	55 55	10200	1000	10000					930	100			1 3 3 3 3	1000			1990		1500		100	195-2	A STATE OF THE PARTY OF THE PAR
Initial Flowback	6/13/10 3:35 PM	with a WhiP of 4 pol(g) to the open top. Closery monitoring for returns with Hot					12-12	- 16	0:25	5.58	0.00	0.00	0.00	2755	(7607)	0.00	0.90	0.0%	0.90	0.00	0.00	0.00	1000	1000	7016	2000	0.0	2.4
The state of the s	EGGGG AGGGGA	Olfer arrives for pumpdown Water Weight = N/A						98			1000	24.00	0.00	2000	***************	*****	24.00		24.00	0.00	200		-	11.3	11.3	100	0.0	2.4
Initial Flowback	6/13/19 4:00 PM 6/13/19 6:00 PM	CI API = NA		-			-	20	1:00	7.00	0.00	0.00	0.00	0.00%	100.00%	0.00	34.00	0.0%	34.00	0.00	0.00	0.00	6.01	0.0	11.3	F110	0.0	28
Well Shat in	6/13/19 6:15 PM	SIMP, 4 psigs							0:01	7.25	0.00	0.00	0.00	A. Heller	YES	0.00	34 00	0.0%	34.00	0.00	0.00	0.00	1200	1000	52.76	12000	0.0	2.7
NPT	6/13/19 5:16 PM	(5:15) Shut in well begain monitoring build up pressures unti hot oiler							0.44	7.27	0.00	0.00	0.00	200	7500	0.00	34.00	0.0%	34 00	0.00	9.00	0.00	2300	1000	22.95	2500	0.0	27
NPT	6/13/19 6:00 PM	arrives.			0	0			0:20	8.00	0.00	0.00	0.00	2000	Sur	0.00	34 00	0.0%	34.00	0.00	0.00	0.00	25.00	0.0	8.5	3000	0.0	2.0
NPT	6/13/19 6:20 PM	(6:20) Hot oiler Arrived on location							0:30	8.33	0.00	0.00	0.00	80 M	100	0.00	34.00	0.0%	34.00	0.00	0.00	0.00	20,000	0.00	2396	2000	0.0	2.0
NPT	6/13/19 6:50 PM	(6:50) Hot oiler begain pumping (7:02) Opall well on a 24/64" choke with		The second		-		200000	0:12	9.83	0.00	0.00	0.00	41.00	1000	0.00	34.00	0.0%	34 00	0.00	0.00	0.00	1000		1500	100000	0.0	30
Initial Flowback	6/13/19 7 (22 PM	a WHP of 1960 pu(g) to the spen top			1000		1980		0:13	9.03	0.00	0,00	0.00	3796	200	0.00	34 00	0.0%	34 00	0.00	0 00	0.00	The same of	00	0.0	3100	0.0	3.0
Initial Flowback	6/13/19/7-16 PM	(7.15) Gas and on to surface Divert flow to HS-0088							0:10	9.25	0.00	0.00	0.00	2500	Sen 3	0.00	34.00	0.0%	34.00	0.00	0.00	0.00	4446	Arms.	11-0	1000	0.0	3.0
Well Shut in	6/13/19 7 25 PM	(7.25) SIMP 2500 psi(g)		-			2900		0.01	9.42	0.00	0.00	0.00	730	100.00	0.00	34.00	0.0%	34.00	0.00	0.00	0.00	100	0.0	0.0	1 5801	0.0	3.1
NPT	6/13/19 7:26 PM	(7:25) Shut in master valve due to flowcross grease zert leak							0:24	9.43	0.00	0.00	0.00	3399	984	0.00	34 00	0.0%	34.00	0.00	0.00	0.00	1200	N. Kern	3000	1000	0.0	3.1
NPT	6/13/19 7:50 PM	(7:45) WEIR Arrived on location to replace the zert							0.20	9.83	0.00	0.00	0.00	25.55	MIT.	0.00	34.00	0.0%	34.00	0.00	0.00	0.00	12 12 EM (S)	Street -	E-014-1	1015	0.0	3.1
Initial Production	6/13/19 8:10 PM	(8:10) Open well on a 24/54" choke with an IOF of 3,100 psi(g), immediate oil to			1		3100		0:50	10.17	0.00	0.00	0.00	20	600	0.00	34.00	0.0%	34 00	0.00	9.00	0.00	2000	0.0	00	9799	0.0	3.2
Initial Production	6/13/19/9/00 PM	production		0.75	-	40			1:00	11.00	10000	1000	1-200	42.02%	67.03%		74.00	0.1%	103.00	0.07	0.01	0.08	2830.45977	0.0	00	08	22.5	33
Initial Production	6/13/19 10:00 PM	(10:00) Increase Choke to 26/64"	1.72	0.25	80	02	2662 2703	24	1.00	12.00	1920.00	142 00	109.00	42.03% 50.34%		1488.00	130.00	0.1%	245.00	0.15	0.02	0.17	1130.208333	0.1	0.1	0.3	61.9	3.5
Initial Production	6/13/19 11:00 PM	(12:00) Increase Choke to 32/64"	2.23	0.31	92	65	2500	28	1.00	13.00	2208.00	157.00	201,00	56.60%	41.40%	1560.00	201.00	0.2%	402.00	0.24	0.04	0.28	1150.362319	0.1	0.2	0.2	71.2	3.6
Initial Production	6/14/19 12:00 AM	Water Weight = 9.7 ppg Oil API = 46.28 @ 60°F	2.38	0.27	99	76	2528	28	1.00	14.00	2376 00	175.00	300.00	56.57%	40 43%	1824 00	277.00	0.3%	577.00	034	0.05	0.39	1115.319865	0.1	02	03	76,6	37
Later Brooks and an	******	H2S = 0 ppm			440	-				1000	-			VI 100									*********				967	24
Initial Production Initial Production	6/14/19 1:00 AM 6/14/19 2:00 AM	(03:00) Increase Choke to 36/64"	3.16	0.48	112	86	2267 2288	32	1.00	15.00	2688.00	187.00	530,00	59.89%	40.11% 35.87%	1600.00	352.00 418.00	0.3%	764.00 948.00	0.61	0.07	0.54	1364 166667	0.1	0.3	0.3	91.4	4.0
Initial Production	6/14/19 3:00 AM	(04 00) Increase Choke to 38/84"	3.86	0.37	132	82	2100	36	1.00	17.00	3168.00	214.00	562.00	61.68%	38.32%	1968.00	500.00	0.5%	1162.00	0.77	0.10	0.87	1336.227273	0.7	0.6	0.4	102.2	41
Initial Production	6/14/19 4:00 AM	Water Weight = 9.8 ppg	3.97	0.36	133	61	2056	36	1.00	18.00	3192.00	214.00	795.00	62.18%	37 85%	1944 00	581.00	0.6%	1376.00	0.54	0.11	1.06	1356.516291	0,1	0.7	04	103 0	4.2
Initial Production	6/14/19 5:00 AM	Oil API = 44.53 @ 60°F	4.69	1.79	138	60	1984	38	1:00	19.00	3312.00	267.00	933.00	66.67%	33.33%	1656.00	650.00	0.8%	1583.00	113	0.19	1.32	1956.521739	0.5	6.0	0.4	106.8	4.4
Initial Production Initial Production	6/14/19 6:00 AM 6/14/19 7:00 AM	(7:00) Increase choke to 40/64"	4.35	0.35	136	73	1988	38	1:00	20.00	3360.00	209.00	1089.00		34.93%	1752.00	723.00	0.7%	1792.00 2001.00	1.32	0.20	1.52	1439.95098 1380.654762	01	1.0	04	105.3	4.5
Initial Production	6/14/19 8:00 AM	Water Weight = 9.8 ppg Oil API = 43.90 @ 60°F	4.40	0.41	137	73	1914	40	1:00	22.00	3298.00	210.00	100000	85.24%	10000	1752.00	905.00	0.8%	2211.00	1.68	0.29	1.91	1463.50365	0.7	12	04	106.1	47
Initial Production	6/14/19 9:00 AM	OLIVET MAN DE NOT	4.40	0.39	141	74	1916	40	1:00	23.00	3384.00	215 00	1487.00		34.42%	1776.00	939.00	0.6%	2426.00	1.86	0.25	211	1414 803817	01	13	0.4	109.2	4.0
Initial Production Initial Production	6/14/19 10:00 AM 6/14/19 11:00 AM		4.40	0.39	160	65	1916	40	1:00	24.00	3840.00 8336.00	225.00 294.00	1647 00	71.11%		1580 00	1004.00	1.0%	2651.00 2855.00	2.05	0.27	2.51	1247.910567 1440.647482	0.1	1.6	0.3	123.9	5.0
Initial Production	6/14/19 12:00 PM	Water Weight = 9.8 ppg Oil API = 43:34 @ 60°F	4.60	0.36	145	79	1920	40	1:00	28.00	3480.00	224.00	1931.00	200	35.27%	1896.00	1148.00	1.1%	3079.00	242	0.30	2.72	1424 137931	0.1	1.6	0.4	1123	5.1
		HCS = 0 ppm				-						1000		10000			10000		4 10000						17		120.8	5.2
Initial Production Initial Production	6/14/19 1:00 PM 6/14/19 2:00 PM		4.60	0.34	156	60	1934	40.	1.00	27.00	3744.00 3384.00	201.00	2726 00		29.85%		1222.00	1.2%	3309.00 3510.00	2.61	0.32	2.92 3.13	1319.444444 1499.704492	01	1.8	0.3	109.2	5.3
Initial Production	6/14/19 3:00 PM	Water Weight = 9.8 pog	4.50	0.54	143	82	1128	40	1:00	29.00	3437 00	2000	2371.00	200	2000		1364.00	1.3%	3735.00	2.99	0.35	3.34	1468.531469	01	19	0.4	110.7	5.4
Initial Production Initial Production	6/14/19 4:00 PM 6/14/19 5:00 PM	Oli API = 42.79 @ 60°F	4.50	0.55	152	70	1961	40	1:00	31.00	3646.00	272.00	2573.00	66.47%		1920.00	1514.00	15%	3857.00 4191.00	3.18	0.36	3.77	1382,849661	01	2.0	03	119.2	5.5
Initial Production	6/14/19 6:00 PM		4.75	0.19	144	61	1969	40	1.00-	32.00	3456.00	205.00	2821.00	70.24%	29.70%	1454.00	1575.00	1.5%	4396.00	3.57	0.41	3.98	1487.268519	01	2.2	0.4	111.5	5.7
Initial Production	6/14/19 7:00 PM	Water Weight = 10 ppg	4.73	0.41	143	69	1964	40	1:00	33.00	3432.00		2964.00			1658.00	1544.00	1.6%	4808.00	377	0.42	4,20	1494 755245	0.1	23	0.4	110.7	5.7
Initial Production Initial Production	6/14/19 S 00 PM 6/14/19 S 00 PM	Oil API = 42.25 (R 60°F	4.84	0.12	174	69	1989	40	1.00	34.00	4176,00	243.00		71.60% 69.67%		1656.00	1713.00	1.6%	4851.00 6062.00	3.97	0.44	4.41	1233.237548	0.1	26	0.3	134.7	5.8
Initial Production	6/14/19 10:00 PM		4.77	0.41	151	66	1969	40	1:00	36.00	3024.00	217 00	3436.00	69.59%	30.41%	1584.00	1843.00	18%	5279.00	4.37	0.47	4.64	1429 369823	0.1	2.7	0.3	110.0	6.0
Initial Production	6/14/19 11:00 PM	(12:00) Increase choke to 42/64"	4.62	0.93	107	49	2079	40	100	37.00	2588.00	158.00	3543.00	68.50%	31.41%	1176.00	1892.00	1.2%	5435.00	4.50	0.51	5.07	2161.214953	0.1	2.6	0.4	82.8	6,1
Initial Production	6/15/19 12:00 AM	Water Weight = 10 ppg Oil API = 43.15 @ 60°F	5.10	0.29	144	58	2072	40	1.00	38.00	3456.00	202 60	3697.00	71.29%	25.71%	1392 00	1858.00	194	5837.00	4.77	0.62	8.30	1559 606481	01	27	0.3	111.5	6.2
Initial Production	6/15/19 1.00 AM	H25 = 0 ppm	420	1.04	160	71	1892		100	39.00	3040.00	201.00	3647.00	60 Den	30.74%	1704.00	2021 00	1.9%	5868.00	4.95	0.57	5.51	1364 583333	01	31	0.3	123.9	6.2
Initial Production	W 10-10-1,007 70M		4.20	1.04	100	-61	1882	4	1.00	30.00	301030	2-100	3647.00	OR AUTO	40.15%	110-100	A14 1 30	1.0%	30,000	4.80	0.07	391	100-10000				1000	-

Initial Production	6/15/19 2:00 AM 6/15/19 3:00 AM		434	0.94	155	60	1900	42	1:00	40.00	3720 00 3840 00	224.00 229.00		69.20%	30.60%	1656.00 1656.00	2090.00 2159.00	2.0%	6092.00 6321.00	5.13 5.31	0.60	5.73 5.96	1419.354639 1388.020833	01	32	0.4	120 0	6.3
Initial Production	6/15/19 4:00 AM	Water Weight = 9.8 ppg	4.37	77.25	151	70	1905	-	100	42.00	3624.00	221.00	4313.00	1000000	31,67%	1680.00	2229.00	21%	6542.00	5.49	0.69	6.18	1472,406181	0.1	3.4	0.4	116.9	85
	6/15/19 5:00 AM	Oil API = 42.79 @ 60°F		0.96				-		43.00	3864.00		MESSON.	20000			1000000			5.69					3.0	03	124.6	65
Initial Production Initial Production	6/15/19 6 00 AM		4.74 5.00	0.81	101	69 83	1904	10	100	44.00	3672.00	230.00	4627 00	70,00% 54,83%	30.00%	1965.00	2298.00	2.2%	6772.00 7008.00	5.69	0.72	6.41	1436.335404	0.1	3.7	0.4	118.5	6.0
Initial Production	6/15/19 7:00 AM		4.90	0.32	157	58	1899	42	1.00	45.00	3768.00	215.00	4784.00	73.02%	20.98%	1392.00	2439.00	2.3%	7223.00	610	0.75	6.65	1385.661104	0.1	3.8	0.4	121.5	6.7
Initial Production	6/15/19 8 00 AM	Water Weight = 9.8 ppg Oil API = 42.81 @ 60 F	4.90	0.30	140	63	1899	42	1:00	46.00	3360.00	203.00	4924.00	68.97%	31 03%	1512 00	2502.00	2.4%	7426.00	6.30	0.76	7.07	1548.511905	0.1	2.0	0.4	108.4	5.8
Initial Production	6/15/19 R 00 AM	(9:00) 24 Hrs Targeting 2254/-10bfph Completed. Adjust choke to production facility rate of 1204/-10bfph.	430	0.31	162	56	1901	42	1.00	47.00	3888.00	218.00	5086.00	74.31%	25.09%	1344.00	2558.00	2.5%	7644.60	6.51	0.78	7.28	1338.99177	0.1	40	0.3	125.4	0.0
Initial Production	6/15/19 10:00 AM	(10:00) Decrease choke to 40/64"	4.80	0.44	142	85	1699	42	1:00	48.00	3408.00	227.00	5228.00	62.50%	37,44%	2040 00	2643.00	2.5%	7871.00	6.71	0.79	7.50	1538.438967	0.1	4.1	0.4	109.9	5.0
Initial Production	6/15/19 11:00 AM	The second second second	4.90	0.30	155	75	1966	40	1:00	49.00	3720.00	230.05	5383 00	67.39%	32.61%	1800.00	2716.00	2.6%	8101.00	5.91	0.81	7.72	1397,580645	0.1	4.1	0.3	120.0	7.0
Initial Production	6/15/19 12:00 PM	(12:00) Decrease choke to 38/54" Water Weight = 9.8 ppg Oil API = 42.89 @ 60 F H2S = 0 ppm	4.90	0.29	157	64	1905	40	1.00	50.00	3788.00	221.00	5540.00	71.04%	28.90%	1536 00	2782.00	27%	8372 00	7.11	0.82	7.93	1376,326964	0.1	42	0.3	121.5	7.1
Initial Production	6/15/19 1:00 PM		4.70	0.26	140	65	2032	38	1.00	51.00	3360.00	205.00	5680.00	55.29%	31.71%	1560.00	2847.00	2.7%	8527.00	7.31	0.63	8.14	1475.207619	0.1	4.2	0.4	108.4	7.5
Initial Production	5/15/19 2:00 PM	(2 00) Decrease chake to 36/64"	4.60	0.00	144	59	2176	38	1.00	52.00	3456.00	203.00	5824 00	70.94%	29.00%	1415.00	2905.00	2.8%	8730.00	7.50	0.83	8.33	1331,018519	0.1	4.0	0.3	111.5	72
Initial Production Well Shut in	6/15/19/3:00 PM 6/15/19/3:47 PM	WINDS & 100 and 1	4.00	0.36	130	86	2241 3106	36	0:47	53.00	3120.00	196.00	5954.00	66,33%	33.67%	1584.00	2972.00	2.9%	8926.00	7.67	0.84	8.51	1393.209231	0.1	4.0	0.3	100.0	7.3
Story Street at	2016 12 4 W PM	(3:47) Well shut in due to a leak on					2100		0.01	33.10	0.00	2.00	5954.00	1000	Pro-	0.00	2912 00	2.9%	6970.00	101	0.84	0.01	100000000000000000000000000000000000000	0.0	2.0		0.0	7.0
NPT	6/15/19 3:48 PM	the inlet of the Desander, TFMC Isolated the flow and depressurized lines to replace bad 2" 1502 Gland							0:12	53.60	0 00	0.00	5954.00	2000	again.	0.00	2972-00	2.9%	8925.00	7.67	0.84	8 51		210		54	0.0	7.3
NPT	6/15/19 4:00 PM	Guskets.			137	81	3193		0:28	54.00	3288.00	198.00	6091.00	09 19%	30.81%	1484.00	3033.00	2.9%	9124 00	7.67	0.84	8.51	0	0.1	2.9	0.0	106.1	7.3
Initial Production	6/15/19 4:26 PM	Open well to flow on a 34/64" choke with an IOP of 3,228 psi(g)					3228	34	0:32	54.47	0.00	0.00	8091.00	A-N		0.00	3033.00	2.9%	9124 00	767	0.84	8.51		0.0	2.8		0.0	7.4
Initial Production	8/15/19 5:00 PM		4.40	0.37	40	11	2351	34	1:00	55.00	960.00	51.00	6131,00	78.43%		264.00	3044.00	2.9%	9175.00	7.85	0.86	8.71	5000	0.0	3.0	0.9	31.0	7.4
Initial Production	5/15/19 6:00 PM	(6:30) Decrease choice to 32/64*	3.86	0.32	137	53	2293	34	1:00	56.00	3288.00	190,00	6268,00	72.11%		1272.00	3097.00	3.0%	9365.00	8.01	0.87	8.89	1271.289538	0,1	4.1	0.3	106.1	7.5
Initial Production	6/15/19 7:00 PM	(8:30) Decrease chake to 30/64*	2.91	0.26	129	58	2317	32	1:00	57.00	3096,00	167.00	6397.00	08 98%	31.02%	1392.00	3155.00	3.0%	9552.00	8.14	0.68	9.02	1023.901809	0,1	4.1	0.3	90.9	7.5
Initial Production	6/15/19 8:00 PM	Water Weight = 9.8 ppg Oil API = 42.45 (\$ 60°F	4.11	0.00	137	53	2315	32	1.00	58.00	3288.00	190.00	6534.00	72 11%	27.89%	1272.00	3298.00	31%	9742.00	8.31	0.88	9.19	1250	0.1	4.2	0.3	106.1	7.6
Initial Production	6/15/19 9:00 PM	The second secon	3.09	0.38	125	50	2433	30	100	59.00	3000.00	175.00	6859.00	71.43%	28.57%	1200.00	3256.00	3.1%	9917.00	8.44	0.90	9.33	1156 666667	0.1	4.1	0.3	96.8	7.7
Initial Production	6/15/19 10:00 PM	(10:30) Decrease choke to 26/54"	3.09	0.36	108	47	2499	30	1.00	60.00	2592.00	155.00	6767.00	69.68%	30.32%	1128.00	3305.00	3.2%	10072.00	8.98	0.91	9.45	1331.018619	0.1	4.0	0.3	83.6	7.7
Initial Production	6/15/19 11:00 PM	(12:30) Decrease choke to 26/64*	2.88	0.33	111	40	2603	28	1:00	61.00	2684.00	151.00	6878.00	73.51%	26.49%	360.00	3345.00	32%	10223.00	8.68	0.93	9.61	1204.954955	0.1	2.9	0.2	85.9	7.8
Initial Production	6/16/19 12:00 AM	Water Weight = 9.8 ppg Oil API = 42.36 @ 60 F H2S = 0 ppm	1.97	0.29	105	46	2603	28	1:00	62.00	2520.00	151.00	6983.00	69 54%	30.45%	1104.00	3391.00	3.3%	10374.00	8.77	0.94	9.71	892.8571429	0.1	4.0	0.2	61.3	7.9
Initial Production	6/16/19 1:00 AM		2.82	0.30	105	40	2671	26	1:00	63.00	2520.00	145.00	7088.00	72.41%	27.69%	960.00	3431.00	3.3%	10519.00	888	0.95	9.84	1236.095238	0.1	2.9	0.2	81.3	7.9
Initial Production	6/16/19 2:00 AM	(2:30) Decrease choke to 24/64*	2.62	0.40	98	40	2679	26	100	64.00	2304.00	136.00	7184.00	70.59%	0.000	960.00	3471.00	3.3%	10655 00	8.99	0.97	9.96	1310,783889	0.1	4.0	0.2	74.3	8.0
Initial Production	6/16/19 3:00 AM		2.07	0.00	101	40	2775	24	1:00	65.00	2424.00	141.00	7286.00	71.63%	28.37%	950.00	3511.00	3.4%	10796.00	9.08	0.97	10.05	853.960396	0.1	19	0.2	78.2	8.1
Initial Production	5/15/19 4:00 AM	Water Weight = 9.8 ppg Oil API = 42.87 @ 60°F	2.06	0.36	89	40	2738	24	100	56.00	2136.00	129 00	7374.00	68.99%	31.01%	960.00	3551.00	3.4%	10925.00	9.16	0.98	10,15	1132.958801	0.0	40	0.2	88.9	8.1
Initial Production	6/16/19 5:00 AM		266	0.00	89	38	2734	24	100	67.00	2136.00	127.00	7463.00	70.08%	29.92%	912.00	3589.00	3.4%	11052.00	9.28	0.98	10.26	1245,318352	0.0	4.0	0.2	68.9	8.2
Initial Production	6/16/19 6:00 AM		2.50	0.00	80	45	2728	24	1:00	68.00	2064.00	131.00	7549.00	05-05%	34.35%	1000.00	3634.00	3.5%	11183.00	9.38	0.98	10.36	1211.24031	0.0	41	0.2	65.6	8.2
Initial Production	6/16/19 7:00 AM	and the last of th	2.50	0.00	90	24	2738	24	1:00	69.00	2160.00	114.00	7639,00	78.95%	21.05%	576.00	3658.00	3.5%	11297.00	9.48	0.98	10.47	1157.407407	0.0	4.1	0.2	69.7	8.3
Initial Production	6/16/19 8:00 AM	Water Weight = 9.8 ppg Oil API = 42.87 @ 60°F	2.60	0.00	72	31	2731	24	1:00	70.00	1728.00	103.00	7711.00	69.90%	30,10%	744.00	3589.00	3.5%	11400.00	9.59	0.98	10.58	1604 82963	0.0	42	03	55.7	8.4
Initial Production	6/16/19 9:00 AM	0.70.1-12.01 26.00	2.70	0.00	72	33	2743	24	1:00	71.00	1728.00	105.00	7783.00	58.57%	31.43%	792.00	3722.00	3.6%	11505.00	9.70	0.98	10.09	1582.5	0.0	42	0.3	55.7	84
Flowback operations complete	6/16/19 10:00 AM	(10:00) Turned over on a TFMC 24/64" choke to Production 15/64" choke at 2,771 psi(g). Manifold sand sample =	260	0.00	84	34	2771	24	0.00	72.00	2016.00	118.00	7867.00	71.19%	28 61%	816.00	3795.00	3.0%	11623 90	9.81	0.98	10.60	1269.88254	0.0	42	0.2	65.0	85
		0.01%							188		1000	1131		1000		NE PA					1000	1000		1	13000	R. C.	25	

rsion 20190404	WELL DATA	ASUMMARY
Clear data to create Flowback	Company Name Well Name API Number	Hess Corporation BB-FEDERAL-151-95-0817H-4
data for new well	Area Work Team Field Formation	D BB MB
	Area (Acres) Date on Location	1280 6/1/2019
and a transfer of	In had Flowback Dane Flowback Company	6/9/19 3:00 PM TechnipFMC
Show/Hide auto- populated data	Responsible Contractor Phone Contact Initial Shut-in Tubing Pressure (Ps.)	Joshua Turmon 701-389-9367 4.216

6/10/19 9:00 PM 6/10/19 10:00 PM 6/10/19 11:00 PM 6/11/19 12:00 AM 6/11/19 1:00 AM

Initial Production Initial Production Initial Production Initial Production Initial Production FRAC JOB SUMMARY

PSI BBLS LBS Stages Stages

> 5.24 4.90 4.86 4.91 4.97

0.00 0.00 0.00 0.00 0.00

1.00 1.00 1.00 1.00 0.20 34.00 35.00 36.00 37.00 38.00 38.33 3672.00 3816.00 4104.00 4056.00 3912.00

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event Phase	MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate MMscfd	Oil Volume bbl/hr	Water Volume bbl/hr	Tubing Press	Choke Size in (#/64)	Duration	Cum Time	Oil Daily bbliday	Total Fluid	Oil Cum bbl	Oil Cut	Water Cut	Water Daily bbliday	Water Curs	Load Recovery	Total Liq Com	Flared Gas Cum MMscf	Sales Gas Cum MMSCF	Total Gas Cum MMSCF	GOR	BEPH/FTP (bb/a/rei)	Com FTPH/FTP	1/PI (osi/bbl)	BO/Stage (bb/s/sto)	SQRT (t) (Hours*0.5)
	6/12/19 10:00 PM	Report start time	0.00	0.00	0	0	psi(q)	0	0.00		0.00	00011	0	NAME OF TAXABLE PARTY.		Contract of the last of the la	0	0.0%		0.00	9.00	0.00		0.0	0.0	The state of	0.0	0.0
Standard Work	6/9/19 11:00 AM	(11:00) TFMC Begin RDMO to H4		1			4216		100	0.00	0,00	0.00	0.00	43.6	JULIU .	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	2330	0.0	0.0	10.186	0.0	0.0
Standard Work	6/9/19 12:00 PM						4218		1:00	1.00	0.00	0.00	0.00	19139	1000	0.00	0.00	0.0%	0.00	6.00	0.00	0.00	5740	0.0	0.0	PROB. 0	0.0	1.0
		(1:00) TFMC RDMO/Maintenance complete	1.0			1			B 2 1 2 1		12000	1	12.00	1000	100		10.00	1000	1371.63		-	1000	10000	10-00			73 - N W	1 5 5 7
Standard Work	6/9/19 1:00 PM	(1:30) TFMC inhibit lines with			1		4215		1:00	2.00	0.00	0.00	0.00	all the	WEET.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	10000	0.0	0.0	FATTA	00	1.4
		production water for Pressure Testing (1:50) Filling Lines completed							1	100.00	10000	10000	1336	1833	1000	18:00			130000				1000		1	100000	0.000	
/		(2:45) Arp pressure Testing arrives on										1000	1000	BAR	1	1			1	23550		100000	10000	1		1000000		
Standard Work	6/9/19 2:00 PM	location. (2:50) Begins Pressure testing 1502					4216		1:00	3.00	0.00	0.00	0.00	WAG.	12000	0.00	8.00	0.0%	0.00	0.00	0.00	0.00	1. AS PM	0.0	0.0	25 100	0.6	1.7
ALCOHOLD STATE OF THE PARTY OF		Flowline.								10000			1	139.00	-37		1				19 19 19		1000	100000		10000	10370	
Standard Work	6/9/19 3:00 PM	(3:10) High Pressure Test complete. (3:15) Begins Low Pressure Test.		1000			4216	1	0:30	4.00	0.00	0.00	0.00	1000	me	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	2100	00	0.0	#3V64	0.0	2.0
Standard Troit		(3:25) Pressure Test Complete.		and the second			-							1000	2372		-	-	-	-			1000000		100		10000	
initel Flowback	6.9/10 2:30 PM	(2.30) Open well to flow on a 24/64" shoke with an IOP of 4.216 ps/g) to	-				4216	24	0:20	4.50	0.00	0.00	0.00	155.65 C	200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	The second	0.0	0.0	230-	0.0	2.1
		H90086				-						100000	1000	1000	230	1	10760						1	10000		1960		1 138
Initial Production	6/9/19 3:50 PM	(3.50) Oil to Production on a 24/64* choke with a WHP of 3,198 psi(g)					3198	24	0:10	4.63	0.00	0.00	0.00	No. 24	11997	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	Krist	0.0	0.0	1 2340	0.0	2.2
LW-18	6/9/19 4:00 PM	Water Weight = 9.7 ppg		-						5.00	444	0.00	1	1230	The same				0.00	0.15	0.00	0.15		0.0	0.0	1 250	0.0	22
Initial Production	6/9/19 4:00 PM	Oil API = 46.83 @ 60°F H2S = 0 ppm	3.54	0.00	0		2954	24	0:50	5.00	5,00	0.00	0.00	2000	1000	0.00	0.00	0.0%	0.00	0.15	0.00	0.15		0.0	0.0	10.00	0.0	22
Well Shut in	6/9/19 4:50 PM	S(WP: 3,561 pel(g)					3581		0:01	5.63	0.00	0.00	0.00	4054	Mary.	0.00	0.00	0.0%	0.00	0.15	0.00	0.15		0.0	0.0	1000	0.0	2.4
NPT	6/9/19 4:51 PM	(4:50) Shut in well; Delta replacing H5 ESD. Stopped Operations due to							0:09	5 85	0.00	0.00	0.00	2000	200	0.00	0.00	0.0%	0.00	0.15	0.00	0.15	100000	1 1925	5.00°	9000	0.0	2.4
MPT		working over high pressured lines.								100000			1	-		100000000	100000		60.00		0.00			0.0	0.0	15	14.7	24
Marie Control of the	6/9/19 5:00 PM	(5:30) Open well to flow on a 24/64"		-	19	41	3651		0:30	6.00	456.00	90.00	19.00	31.67%	68.33%	984.00	41.00	0.0%	60,00	0.15		0.15	0		100000000000000000000000000000000000000		W. C. L. THOMAS CO.	
Initial Production	6/9/19 5:30 PM	choke with a WHP of 3590 psi(g)	Land .	100		10 3	3690	24	0:30	6.50	0.00	0.00	19.00	1000		0.00	41.00	0.0%	00.00	0.15	0.00	0.15	ALL CONTROLS 99	0.0	0,0		0.0	2.5
Initial Production Initial Production	6/9/19 6:00 PM 6/9/19 7:00 PM	(06:30) Increase Choke to 26/64"	2.73 2.78	0.00	107	18	3125 2814	24 28	1:00	7.00 8.00	408.00 2568.00	35.00 151.00	143.00		51.43% 29.14%	432.00 1056.00	103.00	0.0%	95.00 246.00	0.26	0.00	0.26	5691.176471 1082.554517	00	0.0	2.9	13.2 82.8	26
Initial Production	6/9/19 8:00 PM	Water Weight = 9.6 ppg	3.21	0.00	133	72	2840	28	1:00	9.00	3192.00	205.00	276.00		35.12%	1728.00	175.00	0.1%	451.00	0.51	0.00	0.51	1005.639098	01	0.2	0.5	103.0	3.0
Initial Production	6/9/19 9:00 PM	Oil API = 44.848 (\$ 60°F (09.00) Increase Choke to 32/84°	3.10	0.00	120	62	2857	20	1:00	10.00	2880.00	182.00	396.00	10000000	34.07%	1488.00	237.00	0.1%	633.00	0.84	0.00	0.64	1087 222222	01	0.2	0.5	92.9	32
Initial Production	6/9/19 10:00 PM	(es. ob) inclues chare in spor	4.08	0.00	146	58	2555	32	1:00	11.00	3504.00	204.00	542.00		28.43%	1392.00	295.00	0.2%	837.00	0.81	0.00	081	1164 383582	0.1	0.3	0.5	113.0	3.3
Initial Production	6/9/19 11:00 PM	(11:00) Increase Choke to 36/64*	4.15	0.00	155	58	2572	32	1.00	12.00	3720.00	213.00	897.00	72.77%	27.29%	1392 00	353.00	0.2%	1050.00	0.99	0.00	0.99	1115.591398	0.1	0.4	0.5	120.0	3.5
Initial Production	6/10/19 12:00 AM	Water Weight = 9.6 ppg Oil API = 39.39 @ 60°F	4.68	0.00	192	72	2327	36	1:00	13.00	4608.00	264.00	889.00	72 73%	27.27%	1728.00	425.00	03%	1314.00	1.18	0.00	1.18	1015.625	0.1	0.6	0.4	148.6	3.6
Initial Production	6/10/19 1:00 AM	H2S = 0 ppm	4.93				2236		1.00	14 00	5568.00		4404.00	1000000		1224.00	476.00	0.3%	1597.00	1.39	0.00	1.39	885.4106667	0.1	0.7	0.4	179.6	
Initial Production	6/10/19 2:00 AM		4.93	0.00	182	34	2404	36	1.00	15.00	3888.00	195.00	1121.00	81,98%		816.00	\$10.00	0.3%	1793.00	1.57	0.00	1.59	1162.55144	01	0.7	0.5	125.4	3.9
Initial Production	6/10/19 3:00 AM	(03:00) Increase Choke to 38/64"	4.84	0:00	133	31	2406	36	1:00	16.00	3192 00	164.00	1418.00	81.10%	18 90%	744 00	541.00	0.3%	1957 00	1.78	0.00	1.78	1516.290727	0.1	0.8	0.6	103.0	4.0
Initial Production	6/10/19 4:00 AM	Water Weight = 9,6 ppg Oil APt = 44,462 @ 60°F	4.93	0.00	160	54	2104	38	1:00	17.00	3840.00	214.00	1578.00	74.77%	25 23%	1295 00	595.00	0.4%	2171.00	1.98	0.00	198	1283.854167	0.1	1.0	06	123.9	41
Initial Production	6/10/19 5:00 AM	(5:00) Decrease choke to 36/64"	4.75	0.00	83	34	2300	38	1:00	18.00	1992 00	117.00	1659.00	70.94%	29.06%	816.00	629.00	0.4%	2268.00	2.18	0.00	2.18	2384.538153	0.1	1.0	1.0	64.3	4.2
Initial Production	6/10/19 6:00 AM 6/10/19 7:00 AM		4.50	0.00	115	10	2624	36	1.00	19.00	2760.00	125.00	1774.00	92.00%		240.00	639.00	0.4%	2413.90	2.37	0.00	2.37	1630.434763	00	0.9	0.6	89.0	44
Initial Production Well Stut in	6/10/19 7:44 //sk	SIMP: 3 565 pa(a)	3.60	0.00	125	32	2975 3555	36	0.44	20.00	3000.00	157 00	1899.00	79.62%	20.38%	768 00 0.50	671.00	0.4%	2570 00 2570 00	253 253	0.00	2.53 2.53	1256.666667	0.0	0.9	1000	0.0	4.6
		(7:44) Blue light due to Production									10000			2300		100000	10000		200000		1	11000			10000	1 33 32	-	4.0
NPT	6/10/19 7:45 AM	dump malfunctioning. Hot Oiler on location to flush.							0.15	20.75	0.00	0.00	1899.00	2040		0.00	671.00	8.4%	2570.00	2.53	0.00	2.50	1 2	1	0.507500	1000	0.0	4.0
NPT	6/10/19 8:00 AM				129	53			0.15	21.00	3096,00	182.00	2028.00	70.88%	29 12%	1272.00	724.00	0.4%	2752.00	2.63	0.00	2.53	0	ADEN.	X105.11	2.6	99.9	4.6
Initial Production	6/10/19 8:15 AM	(6:15) Open Well to flow on a 36/64" choke with a WHP of 3.777 psi(g)					3777	30	0.45	21.25	0.00	0.00	2028.00	19675	4563	0.00	724.00	0.4%	2752.00	2.53	0.00	2.53	1500	0.0	0.7	70000	0.0	4.6
Initial Production	6/10/19 9:00 AM	(9:00) Increase choke to 38/64"	5.06	0.34	70	19	2484	36	1:00	22.00	1580.00	89.00	2098.00	78.65%	21 35%	466.00	743.00	0.4%	2841.00	274	0.01	2.75	3214 265714	0.0	1.7	11-	54.2	4.7
Initial Production	5/10/19 10:00 AM 5/10/19 11:00 AM		4.90 4.70	0.42	165	67	2378	38	1.00	23.00	3960.00 4248.00	232.00	2263.00	71.12%		1608.00	810.00	0.5%	3073.00	294	0.05	2.97	1342.929293	0.1	1.3	0.5	127.7	4.8
Initial Production		Water Weight = 9.7 ppg	4.70	0.36	177	64	2182	30	1.00	24.00	4218.00	239.00	2440.00	74.06%	25.94%	1400.00		0.6%	331230	319				0.1	1 1 1 1 1 1 1 1 1 1	The state of the	V. C. C. S. S. S. S. S.	The state of
Initial Production	6/10/19 12:00 PM	Oil API = 43.29 @ 60°F	4.80	0.59	159	67	2193	38	1:00	25.00	3816.00	229.00	2599.00	70.35%	29,65%	1608.00	939.00	0.6%	3538 00	3.34	0.07	3.41	1411 163522	0.1	1.6	0.6	123.1	5.0
Initial Production	6/10/19 1:00 PM	H2S = 0 ppm	5.10	0.31	164	58	2184	38	100	26.00	3936.00	222 00	2763.00	73.87%	28 13%	1392 00	997 00	0.6%	3780.00	3.55	0.08	3.63	1375 50813	0.1	1.7	0.5	127.0	5.1
Initial Production	6/10/19 2:00 PM		4.80	0.64	154	49	2185	38	1.00	27.00	3696.00	203.00	2917.00		24 14%	1176.00	1046.00	0.0%	3963.00	3.75	0.11	3.66	1471.861472	01	1.8	0.6	119.2	5.2
Initial Production	6/10/19 3:00 PM	Water Weight = 9.7 ppg	5.00	0,41	169	49	2142	38	100	28.00	4056.00	218,00	3088.00	00000000	22,48%	1176.00	1005.00	0.7%	4181.00	3.96	0.13	4 08	1333.579682	0.1	2.0	0.5	130.8	5.3
Initial Production	6/10/19 4:00 PM	Oil Api = 43.74 (\$) 60°F	4.40	0.76	177	64	2134	38	0.46	29.00	4248.00	241.00	3263.00	73,44%	26.50%	1536.00	1159.00	0.7%	4422 00	4.14	0.16	4.30	1219.632768	0.1	21	0.5	137.0	5.4
Well Shift in	6/10/19 4.45 PM	(4:46) Blue light due to Production					3647		0:01	29.77	0.00	0.00	3263.00	333		0.00	1159.00	0.7%	4422.00	4.14	0.16	4.30	10000	0.0	1.2	1	0.0	5.5
NPT	6/10/19 4:47 PM	High-High Level Alarm, from		1			3647		0.13	29.78	0.00	0.00	3263.00	2000	-Section	000	1159.00	0.7%	4422.00	4.14	0.16	4.30	- Column	0.0	1.2	17,60	0.0	5.5
NPT	6/10/19 5:00 PM	Production dump malfunctioning.			36	12	4313		0.10	30.00	600.00	47.00	3288.00	53.10%	45 81%	528.00	1181.00	0.7%	4469.00	414	0.16	4.30	0	0.0	1.0	0.0	19.4	5.5
Initial Production	6/10/19 5:10 PM	(5.10) Open Well to flow on a 38/64"			-	-	3728	38	0.16	30.17	5.00	0.00	3288.00		10.0176	0.00	1181.00	0.7%	4469.00	414	0.16	4.30	1	0.0	12	100	0.0	5.5
	6/10/19/5 26 PM	choke with a WHP of 3,726 psi(q)					3583		0.10	30.17	0.00	0.00	3296.00	2000	Serles.	0.00	1181.00	0.7%	4459.00	4 14	0.16	430	P. Wales	00	12	The second	.00	5.5
Well Shut in		(5:27) Blue light due to Production					1.00					10000000	19070	100000		1000000	10000000		22223				100000	10 00000	100000000000000000000000000000000000000	100000000000000000000000000000000000000	TO STATE OF THE PARTY OF THE PA	
NPT	6/10/19 5:27 PM	dump malfunctioning. Het Olier on	/						0:33	30.45	0.00	0.00	3288.00	123 17	12862	0.00	1181.00	0.7%	4459.00	4.14	0.16	4.30	1000000	200/0	PYTHIN	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0,0	5.5
NPT	6/10/19 6:00 PM	the way to flush.			80	20	3976		0:41	31.00	1920,00	100.00	3366.00	80.00%	20,00%	460.00	1201.00	0.7%	4589.00	4.14	0.16	4.30	0	00	1.1	0.2	81.9	5.6
Initial Production	6/10/19 6:41 PM	(6:41) Open Well to flow on a 36/64"			1 200	1 1	4200	36	0:19	31.68	0.00	0.00	3386.00	20168	wice :	9.00	1201.00	0.7%	4589.00	4.14	0.16	4.30	GARAGE .	00	1.1	2,000	0.0	5.6
Initial Production	6/10/19 7:00 PM	choke with a WHP of 4,200 psi(g)	6.15	0.00	61	15	2298	38	1:00	32.00	1464.00	76.00	3429.00	80.26%	19.74%	360.00	1216.00	0.7%	4645.00	4.40	0.16	4 56	4200 819672	00	2.0	14	47.2	5.7
		(8:20) Decrease choke to 34/64" Bean	***	1	-			2.0	3000	20000	2222.22		1	-	40.000		100000	1	4777		0.00		The Part of the	1 00	1	200	NOTES A	1 22
Initial Production	6/10/19 8:00 PM	due to Production treater not keeping up	5.91	0.00	114	27	3672	36	1:00	33.00	2736.00	141.00	3543.00	80.85%	19.15%	648.00	1243.00	0.8%	4786.00	4.64	0.16	4.80	2150.087719	0.0	1.3	0.2	88.3	0.7

200.00 3696.00 76.50% 23.50% 226.00 3655.00 70.35% 22.65% 213.00 4026.00 60.26% 19.72% 218.00 4195.00 77.52% 22.46% 200.00 4356.00 61.50% 18.50%

1128.00 1608.00 1008.00 1176.00 888.00 0.00 1290.00 1367.00 1399.00 1448.00 1485.00 0.8% 0.8% 0.8% 0.9% 0.9% 4986.00 6212.00 5425.00 5643.00 5843.00 5843.00 4.86 5.06 5.27 5.47 5.68 0.16 0.16 0.16 0.16 0.18 1427-015281 1284-067086 1184-210526 1210-552268 1270-449898

5.02 5.23 5.43 5.63 5.84 5.84 1.9 2.2 2.2 2.4 2.4 2.4 0.5 0.5 0.5 0.5 5.8 6.9 6.0 6.1 6.2 6.2

118.5 123.1 132.4 130.8 126.2

												-			_		-									_		
NPT	6/11/19 1:21 AM	(1:20) Blue light due to Production							0:26	38.35	0.00	0,00	4358.00	40000	1000	0.00	1465.00	0.9%	5843.00	5.50	0.18	5.84	20 10	1-50,00	1 8200	7156	00	62
The Control of the Co		(1:47) Open Well to flow on a 34/64"		-			1000	1000000		200			100000	10000		2330	22,500	100000000000000000000000000000000000000						10000				
Initial Production	6/11/19 1:47 AM	choke with a WHP of 3,557 psi(g)					3557	34	0.13	38.78	0.00	0.00	4358.00	(F)	26000	0.00	1485.00	0.9%	5843.00	5.68	0.16	5.64	699	0.0	1.0		0.0	6.2
Initial Production	6/11/19 2:00 AM	The second secon	4.65	0.00	160	20	2405	34	1:00	39.00	3840.00	160.00	4518.00	86.89%	11,11%	480.00	1505 00	0.9%	6023.00	5.85	0.18	6.04	1263.020833	0.9	2.5	0.5	123.0	6.2
Initial Production	6/11/19 3:00 AM		4.98	0.00	136	26	2373	34	1:00	40.00	3264.00	162.00	4654.00		16.05%	624.00	1531.00	0.9%	6185.00	6.09	0.16	6.25	1525 735294	0.1	2.0	0.6	106.0	6.3
Initial Production	6/11/19 4:00 AM	(3:30) Increase Choka to 36/64"	5.12	0.00	155	60	2456	36	1:00	41.00	3720.00	215.00	4809.00	72.09%	27,91%	1442.00	1591 00	1.0%	6400.00	6.30	0.16	6.46	1376.344086	01	2.0	0.9	120.0	64
Initial Production	6/11/19 5:00 AM		5.22	0.00	170	72	2292	38	1.00	42.00	4080.00	247.00	4979.00	70.25%	29.75%	1728.00	1663.00	1.0%	0542.00	6.52	0.16	6.68	1279.411765	0.1	2.9	0.5	131.6	6.5
Initial Production	6/11/19 8 00 AM		5.20	0.00	158	53	2301	36	1.00	43.00	3744.00	209.00	5135.00	74.64%	25.35%	1272.00	1716.00	1.0%	6851.00	6.74	0.16	6.90	1383 658569	01	3.0	0.5	120.8	6.6
Initial Production	6/11/19 7 00 AM		5.20	0.00	165	45	7282	36	1.00	44.00	3960.00	210.00	5300.00	78.57%	21.43%	1080,00	1761.00	1.7%	7061.00	0.95	0.16	7.51	1313 131313	01	2.1	0.5	127.7	6.6
	6/11/19 8:00 AM	Water Weight = 9.7 ppg		0.41	197	54	2300	- 10	1.00	46.00	4488.00	241.00	5487.00	77.50%	22.41%	1296.00	1815.00	1.1%	7303.00	7.15	018	7.33	1137 923351	0.1	32	0.4	144.8	67
Initial Production	G1019 9.00 AM	Oil API = 41.94 @ 60°F	4.70	0.41	107	1 2		-				21100	2407.00	11.3070	22.4178	1270.00	19.2.00	1.00	7302.00					.0.1	2.5	0.4	7.20	
Initial Production	6/11/19 9:00 AM	The state of the s	4.40	0.72	135	48	2293	36	1.00	46.00	3240.00	183.00	5622.00	73.77%	26.23%	1152.00	1863.00	1.1%	7485.00	7.33	0.21	7.54	1578 703704	0.1	3.3	0.6	104.5	5.5
Initial Production	6/11/19 10:00 AM		4.70	0.41	157	47	2310	36	1:00	47.00	3768.00	204.00	5779.00		23.04%	1128.00	1910.00	12%	7689.00	7.53	0.22	7.75	1358.953291	0.1	3.3	0.5	121.5	5.9
Initial Production	6/11/19 11:00 AM	The second second second	4.80	0.69	155	76	2296	36	1.00	48.00	3720.00	230,00	5934.00	67.39%	32.61%	1800.00	1985.00	12%	7919.00	7.73	9.25	7.98	1476,075269	01	3,4	0.5	1200	0.9
LOCAL DEL CONTROL	ANALIO 40 00 00	Water Weight = 9.7 ppg	245	-	407	-	*****	-	4.00		4000 MD			Name	10 100	*****	200.00			201	444		4550 000000				400.0	The second second
Initial Production	6/11/19 12:00 PM	Oil API = 42.73 @ 60°F	5.00	0.42	107	58	2485	30	1:00	49.00	4008.00	225.00	6101 00	74.22%	73108	1392.00	2043.00	1.2%	8144.00	7.94	0.27	8.21	1363 293413	0.1	3.5	0.5	129.3	7.0
Initial Production	6/11/19 1 00 PM	HQS = 0 ppm	5.00	0.67	102	64	2538	36	1.00	50.00	4392.00	241.00	6284 00	75.93%	24.07%	1392.00	2101.00	13%	8365.00	8.14	0.30	8.44	1200 300546	0.1	3.3	0.4	141.7	7.1
Initial Production	6/11/19 Z 00 PM		4.80	0.85	172	66	2537	30	1.00	51,00	4128.00	227.00	6456.00			1320.00	2156 00	13%	8012.00	834	0.33	8.68	1367 732558	0.1	24	0.4	133.2	7.1
Initial Production	6/11/19 3:00 PM		5.20	0.61	157	65	2549	30	0.15	52.00	3768.00	222.00	6613.00		100000000000000000000000000000000000000	1560.00	2221.00	1.3%	8834.00	8.50	8.36	8.92	1540 605096	01	35	0.5	121.5	72
Well Shut in	0/11/19 3 15 PM	SIWP: 3,490 pw(p)	2.20	0.01	107	00	3490	20	0.01	82.25	0.00	0.00	6613.00	10.72.10	202076	0.00	2221 00	1.3%	8834.00	8.58	0.36	8.92	2700	0.0	2.5	A COLUMN TO THE REAL PROPERTY OF THE PARTY O	0.0	7.2
Alfait Stocket	Gridle & Serie	(3:15) Shut in Well for Delta to					-		451	06.63	4.00	0.00	00/200	100000	W. C.	-	222100	1.076	6027-00		0.00	0.00	10000		-		-	100000000000000000000000000000000000000
ilian.	AND THE REAL PROPERTY.	Replace H5's ESD. Operations would								200	100000000000000000000000000000000000000	1	1000		62233	1				344		100	1773222053		10000000	1 CONT. 15	A	
NPT	6/11/19 3:16 PM	be over pressurized lines. TFMC Bled							0.44	52.27	0.00	0.00	6613.00	1 THE R. P. LEWIS CO., LANSING	1000	0.00	2221.00	1.3%	8834.00	8.56	0.36	8,92	100000000000000000000000000000000000000	Carrier C	AL P. SP. 18	1106655	0.0	7.2
		off high pressure lines.								The Later	And the second	Chickens.	10000	1000000	2000000	8 (Marie	The same of the sa	SS STORE !		200 a 100 a	13 / 18 22 20 20 3	Pro Contract to	BANK BANK	Name of Co.	The Contract	1579 B 1 36	Barrier Barrier	The second second
NPT	6/11/19 4:00 PM				99	25	3032		0.30	53.00	2376.00	124.00	6712.00	79.84%	20.16%	600.00	2246.00	1.4%	8958.00	8.56	0.35	8.92	0	0.0	2.5	0.2	70.0	7.3
Initial Production	6/11/19 4:30 PM	(4:30) Open Well to flow on a 36/64"					3630	30	0.30	53.50	0.00	0.00	6712.00	Topon S	Section !	0.00	2246.00	14%	8958.00	8.56	0.36	8.92	Part of the last	0.0	2.5	1 Ottober 2 a	0.0	7.3
		choke with a WHP of 3,630 psi(g)	V DAY	1 1 1	-	1				1-11-11	13.030.11	1000000	N PERSONAL PROPERTY.	100000	159700		20000000						The state of the state of	200 200 200	100000000000000000000000000000000000000	DESTRUCTION OF THE PARTY OF THE		
Initial Production	6/11/19 5 00 PM		4.51	0.49	18	20	2552	36	1.00	54.00	432.00	38.00	6730 00	47.37%	52.63%	480.00	2266.00	1.4%	8996.00	8.75	0.36	9,13	11683 33333	0.0	3,5	41	13,9	7.3
Initial Production	6/11/19 5:00 PM	d land and the same of the sam	6.47	0.63	166	46	2622	36	1.00	55.00	4464.00	232 00	6916.00		19.83%	1104.00	2312.00	1.4%	9228.00	89.8	0.41	9.38	1366 497455	0.1	3.6	0.4	144,0	7.4
Initial Production	6/11/19 7:00 PM	m - m - m	5.37	0.61	180	53	2557	36	1:00	56.00	4320.00	233.00	7096 00	77.25%	22.75%	1272.00	2365.00	1.4%	9461.00	9.20	0.43	9,63	1384.259259	0.1	3.7	0.4	139.4	7.5
Initial Production	6/11/19 8:00 PM	Water Weight = 9,7 ppg	5.50	0.41	177	56	2538	36	1:00	57.00	4248 00	233.00	7273.00	75.97%	24.03%	1344.00	2421.00	1.5%	9694.00	0.43	0.45	9.88	1391.242938	0.1	3.0	0.4	137.0	7.5
Initial Production	6/11/19 9:00 PM	Oil API = 43.70 @ 60°F		1 100	174	63		-	1:00	58.00	4104.00	1 200	7444 00	100,000,000	1000	1512.00	2484.00	1.5%	9928 00	9.54	0.47	Commence of the second	1388.401559	0.1	42	0.5	132.4	7.6
			5.10	0.60	171	54	2388	30				234 00		73 06%	26.92%							10.12	- Commence of the commence of	0.1	The second second			7.7
Initial Production	6/11/19 10:00 PM		5.03	0.44	166		2337	30	1.00	59.00	3984.00	220.00	7610.00	100000000000000000000000000000000000000		1296.00	2538.00	1.5%	10148.00	9.85	0.49	10.34	1372.991966		43	0.5	128.5	
Initial Production	6/11/19 11:00 PM	Market Mariable C. R. T. com	5.09	0.41	160	53	2366	30	1:00	60.00	3840.00	213.00	7770.00	75.12%	24.88%	1272.00	2591.00	1.0%	10361.00	10.00	0.51	10.57	1432 291667	0.1	44	0.5	123.9	7.7
Initial Production	6/12/19 12:00 AM	Water Weight = 9.7 ppg Oil API = 44.22 @ 60°F	5.10	0.49	164	53	2417	95	100	81.00	2938.00	217.00	7934.00	75.58%	28.42%	1272.00	2644.00	16%	10578.00	10.28	0.53	10.81	1420 223577	0.1	44	0.5	127.0	7.6
HIDE F. FOURCEON	0.2.1	H2S = 0 ppm	5,10	0.45	100		Reit.	-	7.00	01,00		217.00	1001.00	120011		1272.00	201140	100	10070.00	THE PARTY OF THE P			-	0.0000000000000000000000000000000000000	100000000000000000000000000000000000000	100000000000000000000000000000000000000		
Initial Production	6/12/19 1:00 AM	100-01400	5.80	0.43	106	56	2429	36	1:00	62.00	2984 00	222.00	8100.00	74 77%	25.23%	1344.00	2700.00	1.6%	10800.00	10 52	0.55	11.06	1562.751004	at	4.4	0.5	128.5	7.6
Initial Production	6/12/19 2:00 AM		5.03	0.50	163	67	2489	38	1.00	83.00	3912.00	230.00	8263.00	70.87%		1606.00	2767.00	1.7%	11030 00	10.73	0.57	11.30	1414.386053	0.1	44	0.5	126.2	7.9
Initial Production	6/12/19 3:00 AM		5.29	0.56	172	53	2514	36	1.00	64.00	4128.00	225 00	8435.00	A CONTRACTOR OF THE PARTY OF TH		1272.00	2820.00	1.7%	11255.00	10.95	0.59	11.54	1417.151163	0.1	4.5	0.4	133.2	80
		Water Weight = 9.7 ppg			100						2010/2010/01	The state of the s	0 000000	7000000	2000		100000000000000000000000000000000000000					The Parket of th	100000000000000000000000000000000000000	100 100 100	100000000000000000000000000000000000000	100000000000000000000000000000000000000	100000000000000000000000000000000000000	The state of the s
Initial Production	6/12/19 4 00 AM	Of API = 43.98 (8 60°F	5.02	0.51	170	56	2475	35	1:00	65.00	4080.90	228 00	8505.00	75.22%	24.78%	1344.00	2876.00	1.7%	11481.00	11.16	0.61	11.77	1354.050863	0.1	4.0	0.5	131.6	81
Initial Production	6/12/19 5:00 AM	The state of the s	6.80	0.48	170	62	2515	36	1:00	66.00	4080 00	232.00	8775.00	73.28%	25.72%	1485.00	2938.00	1.8%	11713.00	11.40	0.63	12.03	1539,215686	0.1	47	0.4	131.6	8.1
Initial Production	6/12/19 6:00 AM		5.30	0.50	173	62	2501	38	1.00	67.00	4152.00	235.00	8948.00	73.62%	26.38%	1488.00	3000,00	1.6%	11948.00	11.62	0.65	12.27	1396.676301	0.1	4.8	0.4	133.9	8.2
Initial Production	6/12/19 7:00 AM		5.80	0.00	168	44	2572	36	1:00	68.00	4002 00	212.00	9116.00	79.25%	20.75%	1050.00	3044.00	1.8%	12150.00	11.80	0.65	12.51	1438.492063	01	4.7	0.4	130.1	8.2
Initial Production	6/12/19 8:00 AM	Water Weight = 9.7 ppg	5.30	0.49	170	52	2504	-	1:00	69.00	4080.00	222.00	0000000	76.58%	22.4204	1248.00	3096.00	1.9%	12382.00	12.08	0.67	12.76	1419.117647	01	49	0.4	131.6	83
		Oil API = 42.89 (\$ 60°F		2.40	Tru.		2000	-		100000000000000000000000000000000000000	4000.00	22200	9286.00	70.0076	23.42%	1240.00	20000			0.000		100000000000000000000000000000000000000		173		100000	The second second	AND DESCRIPTION OF THE PERSON
Initial Production	6/12/19 9:00 AM		5.20	0.54	170	58	2512	36	1100	70.00	4080 00	228.00	9456.00	74.58%	25,44%	1392.00	3154.00	1.9%	12610.00	12.30	0.70	12.99	1406.127451	0.1	5.0	0.4	131.6	84
Initial Production	6/12/19 10:00 AM		5.20	0.66	115	35	2485	36	1:00	71.00	2760.00	150.00		76.67%		840:00	3189.00	1.0%	12780.00	12.52	0.72	13.24	2122.826087	0.1	5.1	0.7	89.0	8.4
Initial Production	6/12/19 11:00 AM	and the same of th	5.60	0.11	180	46	2476	36	1.00	72.00	3840.00	204.00	9731 00	78.43%	21.57%	1056.00	3253.00	2.0%	12964.00	12.75	0.73	13.48	1486.979167	0.5	52	0.5	123.9	85
Law a Production	#11711F 17.00 PM	Water Weight = 9.7 ppg					2262			44.44	1	200	- marine	71.000	25 400	4000.00	B747 40	200	43470.00	200	0.75	25.00			- 12-		111	44
Initial Production	6/12/19 12:00 PM	Oil API = 42.41 @ 60°F	5.00	0.62	101	54	2506	30	1:00	73,00	3864.00	215,00	9692.00	74.68%	20.12%	1296.00	3267.00	20%	13179.00	12.96	0.75	13.71	1453 416149	01	5.3	0.5	124.6	8.5
Initial Production	6/12/19 1:00 PM	H2S = 0 ppm	5.20	0.52	161	63	2442	- 10	1.00	74.00	3624.00	214.00	10043-00	70.58%	20.44%	1512.00	3350.00	2.0%	13393.00	13 17	0.77	13.95	1577 262693	0.1	55	0.5	116.9	86
Initial Production	6/12/19 2 00 PM		5.90	0.31	163	52	2489	36	1:00	75.00	3912.00	215.00	10206.00			1248.00	3402.00	2.1%	13606.00	13.42	0.79	14.21	1587,167689	0.1	55	0.5	126.2	87
Initial Production	6/12/19 3:00 PM		5.40	0.47	157	52	2500	36	1:00	78.00	3768.00	209.00		75.12%		1248.00	3454.00	21%	13817.00	13.64	0.81	14.45	1558,917197	0,1	5.5	0.5	121.5	8.7
and Frontier	0.2.2.2.0078	(4:30) Decrease choke to 34/64"	2.40	241	101	- 24	2300	-	100	1200	370000	-	10000 00	10.12%	410010	1		1	100.17 00	CC C	-	1000	1000,017101			00		
Initial Production	5/12/19 4:00 PM	Water Weight = 9.7 ppg	5.73	0.48	170	60	2483	30	1.00	77.00	4680 00	230.00	10533 00	75.91%	25.09%	1440.00	3514.00	21%	14047.00	13.88	0.83	14.71	1519,852941	0.1	5.7	0.4	131.6	8.8
		OH API = 42.75 @ 60°F	- 22			-				10000		100000	1555	150000	-		66	The state of the s	10 St 19 5	- 130	THE PARTY OF THE P				1 12	1		
Initial Production	6/12/19 5:00 PM		5.47	0.33	166	51	2520	34	1:00	78.00	3984.00	217.00	10669.00	75.50%	23.50%	1224.00	3565.00	22%	14254.00	14.11	0.84	14.95	1455.823293	0.1	-57	65	128.5	8.8
Initial Production	6/12/19 6:00 PM		4.76	0.31	162	38	2427	34	1:00	79.00	3888.00	200.00	10861,00	81.00%	19,00%	912.00	3603.00	22%	14464 00	14.31	0.85	15.16	1305.555556	01	1.0	0.5	125.4	8.0
Initial Production	6/12/19 7:00 PM	(7:00) Decrease Choke to 32/64"	4.57	0.38	149	55	2431	34	1.00	80.00	3676 00	204.00	11010.00	73.04%	26.90%	1320.00	3658.00	2.2%	14068.00	14.50	0.87	15.37	1383 868904	0.1	6.0	0.5	115.4	8.9
Initial Production	6/12/19 8:00 PM	Water Weight = 9.7 ppg	5.41	0.00	134	45	2518	39	1:00	81.00	3216 00	179.00	11144.00	74.86%	25 14%	1080.00	3703.00	22%	14847.00	14.73	0.87	15.60	1682 21393	0.1	59	05	1037	9.0
		Ol API = 43.84 (8 80°F			198			-		100000		100000	100000	1000000		9	100000001		2729									The state of the s
Initial Production	6/12/19 9:00 PM	(9:00) Decrease Choke to 30/64"	5.35	0.00	148	45	2518	32	1:00	82 00	3552.00	193.00	11292.00	76.68%	23.32%	1080.00	3748.00	2.3%	15040.00	14.95	0.87	15.82	1506.193694	0.1	8.0	0.5	.114.6	9.1
Initial Production	6/12/19 10:00 PM	The second secon	4.17	0.23	130	40	2720	30	1:00	63.00	3120.00	170.00	11422.00	76.47%	23.53%	960.00	3788.00	23%	15210.00	15.12	0.88	16.00	1412.5	0.1	5.6	0.5	100.6	9.1
Initial Production	6/12/19 11:00 PM	(11.00) Decrease Choke to 26/64"	4.67	0.00	126	40	2724	30	1:00	84.00	3072.00	168.00	11550.00	76,19%	23.81%	960,00	3828.00	23%	15378.00	15:32	0.68	16 20	1520 182292	0.1	5.6	0.5	991	9.2
handa a san	######################################	Water Weight = 9.7 ppg		1	-		and a		7	400	200000	1 4000	1	12245	-	1000	****	000	1000000	40.00	474		-	100	1 64	1	400	4
Initial Production	6/13/19 12:00 AM	O# API = 43.71 @ 60°F	4.30	0.00	120	45	2795	28	1:00	85.00	2880.00	165.00	11670.00	72.73%	27.27%	1080.00	3873.00	23%	15543.00	15.50	0.88	16.38	1493 055558	0.1	5.6	0,5	92.9	9.2
Initial Production	6/13/19 1:00 AM	H2S = 0 ppm	2.44	0.40	118	-	2767	-	200	1000	2022.00	150.00	*****	77.00	22.000	540.00	2000 00	214	15695 00	15.64	0.90	16.54	1372 175141	0.7	56	0.0	914	93
	6/13/19 2:00 AM	(1 00) Decrease Choke to 26/64"	3.48	0.40	114	35	2797	36	1:00	85.00	2832.00	153,00		77.12% 80 86%		540.00 548.00	3908.00	24%		15.76	0.91	10.67	1143.640351	0.0	0.6	0.5	88.3	9.3
Initial Production		Charles of Charles to Charles	- Alleria		1 100	27	2889	20	1:00	87.00	2736.00	141.00		80.85%	19 15%		3935.00	24%	15837 00	1010					0.5			9.4
Initial Production	6/13/19 3:00 AM	(3:00) Decrease Choke to 24/64"	2.88	0.33	114	21	2897	26	1:00	88.00	2736.00	141.00	100000	Total I	19.15%	648.00	3952.00	24%	15978 00	15.88	0.92	16.80	1172.880117	0.0	5.5	0.5	85.3	-
Initial Production	6/13/19 4:00 AM	Water Weight = 9.7 ppg Oil API = 43.69 ct 60°F	3.29	0.00	103	31	2936	24	1:00	89.00	2472.00	134.00	12119.00	76.87%	23.13%	744.00	3993.00	2.4%	16112.00	16.02	0.92	16.94	1330 906148	0.0	5.5	0.6	79.7	9.4
Initial Production	6/13/19 5:00 AM	(5:30) Decrease choke to 22/64*	3.27	0.00	111	40	2963	24	1:00	90.00	2664.00	151.00	12230.00	73.51%	25 40%	960.00	4033.00	2.4%	16263.00	16.15	0.92	17:08	1227 477477	0.9	5.5	0.5	85.9	9.5
Initial Production	6/13/19 6:00 AM	An only trees using colone to 22504	2.80	0.00	89	38	3011	22	1:00	91.00	2136.00			71.20%		864 00	4066.00	25%	16388.00	16 27	0.92	17,19	1310.861423	0.0	5.4	0.8	68.9	9.5
Initial Production	6/13/19 7:00 AM		2.80	0.00	92	25	3045	22	1:00	92.00	2208.00			78.63%		600.00	4094.00	25%	16505.00	16.38	0.92	17.31	1288 115942	0.0	5.4	0.6	71.2	9.6
		Water Weight - 9.7 ppg			-					1000000		1000000	92,000	1000000	(C)												100000000000000000000000000000000000000	100000000000000000000000000000000000000
Initial Production	6/13/19 8:00 AM	Oil API = 43.74 @ 60°F	2.80	0.00	89	22	3043	22	1:00	93.00	2138.00	111.00	12500.00	80.18%	19.82%	528.00	4116.00	2.5%	16616.00	16.50	0.92	17.43	1310.851423	0.0	5.5	0.6	68.9	9.6
Initial Production	6/13/19 9:00 AM		2.80	0.00	98	26	3043	72	1:00	94.00	2352.00	124.00	12598.00	79 03%	20.97%	624.00	4142.00	2.5%	16740.00	16.62	0.92	17.54	1190.47619	0.0	5.6	0.5	75.9	97
		(10:00) Turned over on a TFMC 22/64*							10000	1			1000				100000	S- 150	1000		Della Participation			10000	1 4 5 7 7 9	10 10		The second second
		choke to Production 15/64" choke at							1000000	1000		1	1	100000	- 6-9		C 3 3/		the same of	Contract of the second			The state of	19 50	The same of	1	1	
Flowback operations complete	6/13/19 10:00 AM	3,029 psi(g). Manifold sand sample =	2.80						0:00	95.00	2280 00	126.00	12893 00	75.40%	24 50%	744.00	4173.00	2.5%	16866 00	16.73	0.92	17.66	1228.070175	0.0	5.6	0.6	73.5	9.7
and the second countries		0.01%							9.00	-	-		1		-		THE REAL PROPERTY.		The state of the s		100000		1					
10									The state of the s	100000			10 300		1373			4-1-13	The same of the same of	4-17-17			1 -	Part - Inch				The second second
									The second second			A CONTRACTOR OF THE PARTY OF TH			100000000000000000000000000000000000000	The second secon												

Version 20180404

Clear data to create Flowback data for new well Field Formation Area (Acres) Debugs on Location Debugs on Location Debugs of Loc

REFER TO COMMENTS ON CELLS FOR GUIDANCE

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

 FRAC JOB SUMMARY

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 Hydraulic Frac

 0TAL Crean Fluid Pumped
 106,567

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Mary		Energye # orages		orages																								
March Marc	Event Phase		Remarks	Flared Gas Rate (FR) MMsett	Sales Gas Rate				Choke Size	Duration	Com Time	Oil Daily	Total Fluid	Oil Cum	Oil Cut	Water Cut	Water Daily	Water Cum	Load Recovery	Total Liq Cum	Flared Gas Cum Millard	Sales Gas Cum	Total Gas Cum	GOR	BFPH/FTP (bbls/psi)	Cum FTPH/FTP	(psi/bb/)	BO/Stage (bbls/stg)
March 1985 Mar	Control of the last of the las		Report start time	THE RESERVE OF THE PERSON NAMED IN							THE COLUMN		0		-	-		0	0.0%	0			0.00	E 15000000000000000000000000000000000000	0.0	0.0	SALES OF STREET	
March Carlot Mar	Standard Work		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	-						_	0.00	10000000	0.00	0.00	Vivie !		0.00	0.00					1222	57100		10000		200000000000000000000000000000000000000
Control 100 Contr	Standard Work	6/6/19 9:00 AM				1000				1:00	1.00	0.00	0.00	0.00	1200	100		0.00				0.00	0.00	34.50	2000	200		0.0
Marie Mari										1000000		1000			133703									The second	The second	7.555.073		
Marche From Control and Cont	Samuel St.		Rig in. Quale Trucking fill in lines for PT.							10000	1333	-		200	1000	11554.5	100000	500		1165.63			100000	10000				
Contact Field Contact Fiel	Standard Work	6/5/19 10:00 AM								1.00	2.00	0.00	0.00	0.00	19972	36500	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	12/00	SW.	1020		0.0
Check Flows		1					7- 3			No.	133300	-		100	10.00		27.00			-			1000			10.77	-	10.5%
Committed Comm			(11:00) Arp begins pressure test. Test			HATTER BY	130 (3)			500000	10000	10000		100	10000		The State of			(000000						2000		36.50
Company Comp		Laure Contract		100						1000000	2303	1					100000	-					12000	100000	1000			
Control File Cont	Standard Work	5/5/19 11:00 AM								1:00	3.00	0.00	0.00	0.00	63.00	2911150	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	-300	11 600	2010		0.0
March March Carlot										100000	0.00			-		6000	10000			1000000		A 10 0 10 10		3 12 15 16	1			
March Political March Poli					16 18 1	1				0.00	1000		1000	0000		1000	1			3.450 %			1000	1000		100000		The second
Market M								133		1000	100000000000000000000000000000000000000	P. P. S. L. L.		100000000000000000000000000000000000000			0.00	0.00	0.0%	0.00	0.00	0.00	0.00		23011	1 1000000000000000000000000000000000000		100000000000000000000000000000000000000
Mark Principal Mark	Standard Work	6/6/19 1:00 PM	STATE COMMISSION NOT THE REAL PROPERTY.							0:15	5.00	0.00	0.00	0.00		30000	0.00	0.00	0.0%	0.00	8.00	0.00	0.00	23.55	2985	200		0.0
See Production (COS) 1-2079 (CO	and Sall				1			1000			10000	7 0 00		10000			7 3 10 10	1000		1						0.000		
March Personal Service 1985 198	Intial Flowback	BB/19 1:15 PM			Lasa - I	10 - 15	- F	4209	24	0:15	5.25	0.00	0.00	8.00		2244	0.00	0.00	0.0%	0.00	0 00	0.00	0.00	35.50	0.0	0.0		0.0
Mart And			Immediate Gas and Oil to surface. Diver- flow to HS0086		Trans.					1000	2000			10000		5 3 3 3 3		0.0000		100000				1	10000			100000000000000000000000000000000000000
March Andread March 20 Color March	Initial Production	6/6/19 1:30 PM		THE RES	1-1-1-1-1-1	133	-	3329	24	0:30	5.50	0.00	0.00	0.00		12/6	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1. 6130	00	00	10 Sept. 1	0.0
See Published Control of Cont			choke with a WHP of 3,329 psi(g)	0.47	0.00		- 60		24	The second second					41 000	59.149	The second second	100000000000000000000000000000000000000		1				Maria Caraca	100000000000000000000000000000000000000	1	10	The second second
Machine Month Park Market 1987 1			(3:30) Increase choke to 28/64"		0.18	41	54		24																			
Mart Principles Mart Service Part Pa			Water Weight = 9.8 ppg			38	61		20	F-1.0055007	100000		100000				10000	10000				0.01	0.24	100000000000000000000000000000000000000	986	0.1		A CONTRACTOR OF THE PARTY OF TH
March Professor 1985 198						100	97		20		100000000000000000000000000000000000000			100000		10000				1000000						1		1000
Mate Problems Control Part Con			(0.30) NO 0033 Gross (0.3204*			The state of the s	- 66		32				10000	-														
Column C							59		32																	4		
Mater Production Mater State Mater Sta	Initial Production	6/6/19 8:00 PM		3.45	0.15	132	82	2432	36	1:00	12.00	3158.00	214.00	610.00	61,68%	38.32%	1968.00	459.00	0.4%	1069.00	0.75	0.06	0.80	1136.363636	0.1	0.4	0.6	102.2
Main Production (1971) 19 19 19 19 19 19 19 19 19 19 19 19 19	Initial Production	6/5/19 9:00 PM	Ol 141 - 44.32 55 00 F	3.78	0.22	135	72	2411	36	1.00	13.00	3240.00	207.00	745.00	65.22%	34.78%	1728.00	531.00	0.5%	1276.00	0.91	0.06	0.97	1234,567901	0.1	0.5	0.6	104.5
Moder Processing Control Control Modern Control Control Modern Control	Initial Production	6/6/19 10:00 PM			0.14		73		38								1752 00	604.00	0.6%		1.08	0.07	1.15	1241 197183	01	0.6	0.5	109.9
Setal Production Office Grade Age Office Grade	Initial Production	6/6/19 11:00 PM		4.01	0.12	132	80	2418	38	1.00	15.00	3166.00	212.00	1019.00	62.26%	37 74%	1920.00	684 00	0.6%	1703.00	1.25	0.07	1.32	1300.505051	0.1	0.7	0.6	102.2
## Provided Company of the Company o	Initial Production	6/7/19 12:00 AM		3.86	0.40	148	72	2324	38	100	16.00	3504.00	216.00	1165.00	86 97%	33.03%	1728.00	766.00	0.7%	1921.00	1.41	0.09	1.50	1221 461187	01	0.8	0.5	113.0
Motion Production Moti										100	10000									900000000000000000000000000000000000000					13000 1000			100000000000000000000000000000000000000
March Production 60719-10744 415 419 40 79 2208 38 100 100 20100 1							72		38																			
Mart Production Cornel of Column Co							72		38									100 miles to 100 miles										
March Production Corne of Column		The state of the s			100	10000	70		-	100000000000000000000000000000000000000			74.24	1747.00	DR DAN	300000000000000000000000000000000000000	No. of the last of				Residence of the second		1 TO 1 TO 1 TO 1		1 300 300 300	12		C. S. S. S. S. S. S. S. S.
Color Colo			Oil API = 44,32 @ 60°F		196		70		-	100000000000000000000000000000000000000	100000					10000000				100000000000000000000000000000000000000					A COLUMN TO SERVICE A SERVICE ASSESSMENT OF THE PERSON OF			1
Mode Bank Mode State Mode							54		38									-		The second second second	10000				1000	1		
Prof. Cont. Cont	Well Shut in	6/7/19 S 10 AM	SIWP: 3357 psi(g)												40,000	125min								Nauto a	0.0	0.9	496.00	
Initial Production 6/779 50 AM 6/7799 50 AM 6/779 50 A	NOT	6/7/19 6-11 AM	(5:10) Blue light alarm due to High							0.56	22.18	0.00	0.00	2032.00		12.00	0.00	1475.00		2208.00	244	0.13	268	No.	450	1200	Salvain S	0.0
Seed with production 6079-50 AM 1070-20 AM 1070-2	MP3	SITTE SCIT AM	Level Alarm in Production Facilities.							0.39	22.10	0.00	0.00	2033.00		1000	0.00	1175.00	3.1%	3200.00	244	0.73	2.00	1 - Section	-434-70	1000		
Mind Production C779 70 AM C879 70 AM C879 70 AM C879 80 AM	Initial Production	6/7/19 6:50 AM			3 3 3 3	1		3991	38	0.10	22.83	0.00	0.00	2033.00			0.00	1175.00	1.1%	3206 00	2.44	0.13	2.50	12 11/10	0.0	0.8		0.0
Foliate Productions G7719 RGD AM	Initial Production	6/7/19 7:00 AM	choke with a WHP of 3,991 psi	450	0.00	45	31	0.00	28	100000000000000000000000000000000000000	10000		100000000000000000000000000000000000000		67.71%	32 20%			1 196				1	2884 615385	00	14	-11	50.3
Second Design Control			(8:00) increase choke to 40/64"																									
Field Production CFT/9 COD ANY CFT/9 COD	Initial Production	6/7/19 8:00 AM		4.50	0.00	100	58	2339	38	1:00	24.00	2400.00	158.00	2198.00	63.29%	38.71%	1392 00	1264 00	1.2%	3462.00	2.81	0.13	2.94	1875	0.1	1.5	0.8	77.4
Initial Production 1971 9 100 AM 4.0 0.0 150 35 2075 4.0 100 2800 2910	Initial Production	6/7/19 9:00 AM	Carrie de do par	4.80	0.00	159	71	2065	40	1:00	25.00	3816.00	230.00	2357.00	69 13%	30.87%	1704.00	1335.00	1.3%	3692.00	3.01	0.13	3.14	1257 861635	01	1.8	06	123.1
Field Production 67/79 12-00 PM Water Weiger # 8 ping CA AP = 2 1860 Fig. 6 1870 CA AP = 2 1860 Fig. 6 1870 Fig. 6		6/7/19 10:00 AM				1	35		40				0.000	-											0.1			120.8
Pelal Production Crit Cap PM Ca	Initial Production	6/7/19 11:00 AM		5.00	0.00	159	80	2079	40	100	27 00	3816.00	239.00	2672.00	68 53%	33.47%	1920.00	1450 00	1.4%	4122.00	3.42	0.13	3.55	1310/272537	01	20	06	123.1
Mailar Production 165	Initial Production	6/7/19 12:00 PM		5.00	0.00	160	70	2095	40	1.00	28.00	3640.00	230.00	2632.00	69.57%	30.43%	1680.00	1520.00	1.4%	4352.00	3.63	0.13	3.75	1302.083333	0.1	21	0.6	123.9
India Production 67/119 200 PM 50/119 300 PM 50/119 50 PM			H2S = 0 ppm							4 72 60				233	100000			000000		- CONTRACTOR OF THE PARTY OF TH		The state of the	1000		1	3 45 61		
Initial Production 67718 3.00 PM Value Warget = 6.0 prg 4.00 0.00 154 73 2.942 28 1,00 250,00 3600,00 232,00 3607,00 4.778 502,00 4.00 0.178 502,00 3600,00 230,00 3600,			(1.00) Decrease choke to 38/64"				90		40											POST OF THE PARTY						77		
Initial Production 67/719 6.00 PM Cut Prival 4.06 genory 4.90 0.00 150 80 2177 38 1.90 22.00 3600.00 2230.00 3457.00 65.27% 32.47% 1228.00 1845.00 1.7% 5300.00 4.46 0.13 4.88 1361.111111 5.1 2.4 0.6 1.7% 1375 0.1 2.6 0.6 1.7% 1.							78	-	38														1 222					
Initial Production 6/718 6/00 PM 18/1							80		38	A	-			10000	10000000	100000		0000000		DOM: 02.00000			100000000000000000000000000000000000000		100000000000000000000000000000000000000		2000	The state of the s
Well Shall in Mills Supple Supp			Oil API = 43 45 @ 50°F				and the second	1 1000	70	71/9/2010	1000000			00000		575555		100000000000000000000000000000000000000		0.000			10000	() () () () () () () () () ()	1 (E. J.) 35 (E. J.)	76	FY0 20 340	
NPT 67/19 6.56 PM Production with pile starm due to High Temp Alarm in Production Facilities. NPT 67/19 6.00 PM Production with pile starm due to High Temp Alarm in Production facilities. NPT 67/19 6.00 PM Production with pile starm due to High Temp Alarm in Production facilities. 80 151 3275 014 34.00 180.00 2016			SWF: 3242 pe(g)	1.00	0.00	100			37						2 2	18300								10000000		1.7	PECE -	
NPT 6.70 PM Production working on getting treater becommon still production of 77/19 0.14 PM (0.13 4.79 0 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.5 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1.8 0.5 0.1 1.8 0.1 1													1000	The same of	10000	333	THE SERVICE OF		-	100000000000000000000000000000000000000			1 27 27		13 2000	Description of	1	- 00
Initial Production 6/719 6 14 PM (0 14) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 14) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 14) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 14) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0 15) Open Well to flow on a 3855° chicke with a WHP of 3,485 pul (0	NPT	6/7/19 5:56 PM								0.04	33.90	0.00	0.00	3607.00	CONT.	7750	0.00	1917.00	10%	5524.00	406	0.73	4.79	1	1000000	TOWN TO THE		0.0
Initial Production 67/19 614 PM (614) Open Wile Brow on a 38/95* chairs with a Wil-P of 3,465 ps 5.23 0.00 27 66 2320 38 1:00 50.00 648.00 90.00 37/4.00 2:00% 70.97% 1564.00 2:34.00 2:00% 70.97% 1564.00 2:3	NPT	6/7/19 6:00 PM	Production working on getting treater			201	161	3976		014	3400	1020.00	201.00	3687.00	34,034	65.37%	3624.00	2068.00	154	5756.00	4.66	0.13	479	0	0.1	10	0.5	61.9
Initial Production 6/7/19 7/00 PM 93 00 00 00 00 00 00 00 00 00 00 00 00 00	Name and Address of the Owner, where the		operational				131				1000			12000		2001	-	20000		100000000000000000000000000000000000000	PRINCE OF					1 00 00 N	1000	100000000000000000000000000000000000000
Initial Production 6/719 60 PM Water Weight = 9.6 pg							Sec. 1	3465	38	0:46	34.23	0.00	0.00	3687.00	STATE OF	4000	0.00	2068.00	1.9%	5755 00	4.66	0.13	4.79	- 84-20 30	1000			
Initial Production 67/19 9 00 0PM 5.07 0.27 142 75 2179 38 1.00 37.00 38.00 27.00 0.54% 34.600 27.00 0.54% 3	Initial Production	6/7/19 7:00 PM		5.23	0.00	27	66	2320	38	1:00	35.00	648.00	93.00	3714.00	29.03%	70.97%	1584.00	2134.00	2.0%	5848.00	4.88	0.13	5.01	8070.987854	0.0	2.5	2.9	20.9
Initial Production 67/19 9 00 PM 5.07 0.27 142 75 2179 36 1:00 37.00 3408.00 217.00 4017.00 65.44% 34.56% 1800.00 2280.00 21% 8297.00 5.31 0.15 5.48 1568.8014.08 0.1 2.9 0.6 109.9 initial Production 67/19 1:00 PM 5.08 0.31 1:00 72 2154 38 1:00 38.00 2840.00 232.00 65.27% 130.03% 1728.00 2862.00 2.2% 6522.00 5.52 0.16 5.60 1403.646833 0.1 3.0 0.5 123.9 initial Production 67/19 1:00 PM 5.40 0.00 128 0.0 138 0.0 1	Initial Production	6/7/19 8 00 PM		5.25	0.33	161	71	2160	38	1:00	36.00	3664.00	232.00	3675.00	89.40%	30 60%	1704.00	2205.00	2.1%	6080.00	5.10	0.14	5.24	1444 099379	0.1	28	0.5	124.6
Initial Production 67719 10:00 PM 5:08 0:31 160 72 2:154 38 1:05 38:00 2840:00 2:32:00 4177:00 88:97% 31:03% 1728:00 2:352:00 2:3% 5539:00 5:52 0:16 5:69 1403:645833 0:1 3:0 0:5 123:0 6:49 11:00 PM 5:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0			-		0.27		75	2179			37.00	3408.00	217.00	4017.00	65.44%	34.50%	1800.00	2280 00	21%	8297 00	5.31	0.15						
West Shad in 677/8 11-02 PM 9987-3051 perigi 0.00 2425.00 2.9% 6730.00 5.75 0.16 5.91 0.0 2.0 0.00 PMPT 877/8 11-02 PM (11-01) Blue Sight alarm due to Cit					0.31	160	100	2154					232.00					2352.00	2.2%									
NPT 87/19 11-02 PM (11-01) Blue Sight alarm due to CB 0.00 39/14 0 PM 59/1 0.00 57/2 0.14 59/1			SWF-XXX restal	5,40	0.00	136	74		38							35.24%												
										100000000000000000000000000000000000000	-			100000000000000000000000000000000000000	1000	Seman !				100000000000000000000000000000000000000	100		130000	A STATE OF THE PARTY OF	100000	1 1 1 1 1 1 1 1 1 1	100000000000000000000000000000000000000	100000000000000000000000000000000000000
	mr.t	G//1011302730								0.20	39.03	0.00	0.00	4313.00	Section 1	OF THE REAL PROPERTY.	0.00	2424.00	23%	5739.00	2.75	0.10	0.01	100000	B. Carlotte	THE REAL PROPERTY.	Contract of the	-

Initial Production	6/7/19 11:22 PM	(11:22) Open Well to flow on a 38/64" choke with a WHP of 3,523 psi					3523	38	0:38	39.37	0.00	0.00	4313.00	00	3519	0.00	2426.00	2.3%	6739.00	5.75	0.16	5.91	1100	0.0	1.9	-1125	0.0
Initial Production	6/8/19 12:00 AM	Water Weight = 9.6 ppg Oil API = 42.19 @ 60°F	5.36	0.00	91	40	2258	38	1.00	40.00	2184.00	131.00	4404.00	69 47%	30.53%	960,00	2486.00	2.3%	6870.00	5.97	0.16	6.14	2454 212454	0.1	30	0.9	70,5
Initial Production Initial Production	6/8/19 1:00 AM 6/8/19 2:00 AM	H2S = 0 ppm	5.33	0.00	129	72 142	2148 2188	38	1.00	41.00 42.00	3096.00 1488.00	201.00	4533.00 4595.00			1728.00 3408.00	2538.00 2680.00	2.4% 2.5%	7071.00 7275.00	6.19 6.42	0.16 0.16	6.36	1721.576227 3689.516129	0.1	33	07	99.9 48.0
Well Shut in	5/8/19 2:18 AM	(2 18) SWP 3310 psi(g)			1		3310		0.01	42 30	0.00	0.00	4595.00	22	37277	0.00	2580.00	2.5%	7275.00	6.42	0.16	6.59	14/2	0.0	22	1 K 1 K 1 K 1 K 1 K 1 K 1 K 1 K 1 K 1 K	0.0
NPT	6/8/19 2:15 AM	(2:16) Blue light slarm due to CII Valve in Production Facilities. Hees Pumper informed us to stay shut in until bot olier arrives. ETA 08:00, began monitoring build up pressure.							041	42 32	0.00	0.00	4505.00	-35		0.00	2560.00	2.5%	7275.00	6.42	0.16	6.59	45.76			e.her	00
NPT NPT NPT NPT	5/8/19 3:00 AM 6/8/19 4:00 AM 6/8/19 5:00 AM 6/8/19 6:00 AM		0.00	0.00	40	28	3560 3600 3650 3689		1:00 1:00 1:00 1:00	45.00 44.00 45.00 45.00	960,90 0.00 0.00 0.00	66.00 9.00 9.00 9.00	4635.00 4635.00 4635.00 4635.00	60.51%	39.39%	624.00 0.00 0.00 0.00	2706.00 2706.00 2706.00 2706.00	2.5% 2.5% 2.5% 2.5%	7341.00 7341.00 7341.00 7341.00	6.42 6.42 6.42 6.42	0.16 0.16 0.16 0.16	6.59 6.59 6.59 6.59		00 00 00 00	21 20 20 20	0.7	310 00 00 00
NPT	6/8/19 7:00 AM	(7:30) TFMC Depressurized HS0088 to fix Sight Glass Ball valve positioning					3750		1.00	47.00	0.00	0.00	4635.00	2.00	45300	0.00	2706.00	2.5%	7341.00	6.42	0.16	0.50	1019	0.0	20		0.0
NPT	6/8/19 8:00 AM						3771		0.30	48.00	0.00	0.00	4635.00	25000	March !	0.00	2706.00	2.5%	7341.00	6.42	0.16	8.59	615	0.0	1.9	Server S	00
Initial Production	6/8/19 8:30 AM	(8:30) Open well on a 30/64° per production with a WHP of 3764 ps-(g) Will gradually increase 2/64°chcke size every 30 Minutes. Filling Vessel					3784	30	0.30	48.50	0.06	0.00	4635,00			0.00	2706.00	2.5%	7341.00	6.42	0.10	6 59	1	6.0	19	807	90
Initial Production	6/6/19 9:00 AM	(9:00) Increase choke to 32/64" (9:30) Increase choke to 34/64"	434	0.00	a	0	2735	30	1.00	49,00	0.00	0.00	4635.00	-	12:30	0.00	2706.00	2.5%	7341 00	6.60	0.16	6.77	1000	0.0	27	1000	0.0
Initial Production	6/8/19 10:00 AM	(10:00) Increase choke to 36/64".	5.00	0.00	209	40	2405	34	1:00	50.00	5016.00	249.00	4844.00	83.94%	10.00%	960.00	2745.00	2.6%	7590 00	6.81	0.16	6.98	996.8102073	01	32	04	161.8
Initial Production	6/6/19 11:00 AM	(10:30) Increase choke to 38/64*	5.10	0.00	84	81	2194	38	100	51.00	2016.00	165 00	4928.00	50.91%	49.09%	1944.00	2827.00	27%	7755 00	7.02	0.16	719	2529.761905	01	3.5	10	65 0
Initial Production	6/8/19 12:00 PM	Water Weight = 9.8 ppg Oil API = 44.26 @ 60°F	5.00	0.00	163	73	2153	38	100	52.00	3672.00	226.00	5081.00	67.70%	32.30%	1752.00	2900.00	2.7%	7981.00	723	0.16	7.40	1361.655773	0.1	3.7	08	110.5
Initial Production	6/8/19 1.00 PM	H2S = 0 ppm	5.00	0.00	181	85	2162	38	100	53.00	4344.00	200 00	5292.00	88.05%	31.95%	2040.00	2985.00	2.8%	8247.00	7.44	0.16	7.61	1151 012891	01	3.6	0.5	140.1
Initial Production	6/8/19 2:00 PM		4.80	0.00	147	78	2152	38	1:00	64.00	3528.00	225,00	5409.00	65.33%	34.07%	1872.00	3063.00	2.9%	6472.00	7.64	0.16	7.81	1360.544216	0.1	39	0.6	113.8
Initial Production	6/8/19 3:00 PM	Water Weight ≈ 9.8 ppg	5.10	0.00	159	67	2142	38	1.00	65,00	3816.00	226.00	5568.00	70.35%	29.65%	1608.00	3130.00	2.5%	8608.00	7.85	0,16	8,02	1336.477987	0.1	4.1	0.5	123.1
Initial Production	6/8/19 4:00 PM	Oii API = 44.45 @ 60°F	5.20	0.00	152	64	2169	38	1.00	56.00	3648.00	236.00	5720.00	84.41%	35.59%	2016.00	3214 00	3.0%	8834.00	8.07	0.16	8.23	1425 438596	0.1	41	0.6	117.7
Initial Production	6/8/19 5:00 PM 6/8/19 6:00 PM		5.20	0.00	153	67	2156	38	1.00	67.00	3672.00	220.00	5873.00	69,55%		1608.00	3281 00	3.1%	9154.00	8.29	0,18	8.45	1416.122004	01	42	0.6	118.6
Initial Production	6/8/19 7:00 PM		5.90	0.00	156	48	2164	38	100	58.00 59.00	3744.00	197.00	6178.00	75.63%	37.35% 24.37%	2232.00	3374.00	32%	9403.00	8.53 8.76	0.16	8.70 8.92	1575.854701 1510.067114	0.1	4.4	0.5	120.0
Initial Production	6/8/19 8:00 PM	Water Weight = 9.7 ppg	5.41	0.00	169	87	2175	38	1:00	60.00	4056.00	256 00	6347.00	100000000000000000000000000000000000000	65533333	2088.00	3509.00	3.3%	9856.00	8.98	0.16	9.15	1333.82643	01	4.5	0.5	130.8
Initial Production	6/8/19 P.00 PM	Oil API = 42.11 @ 60°F	5.43	0.00	157	06	2178	-38	1:00	61.00	3768.00	223.00	6584 00	1500000000	29.60%	1584 00	3575.00	3.4%	10079.00	9.21	0.16	9.37	1441.082803	01	46	0.5	121.5
Initial Production	5/8/19 10:00 PM		5,41	0.00	159	69	2179	38	1:00	62.00	3816.00	228.00	6063.00		30.26%	1656.00	3044.00	3.4%	10307.00	9.43	0.16	9.60	1417.714685	0.1	4.7	0.5	123.1
Initial Production	6/8/19 11:00 PM		5.47	0.00	155	67	2168	38	1:00	63.00	3720.00	222.00	8818.00	69.82%	30,18%	1608.00	3711.00	3.5%	10529.00	9.00	0.16	9.83	1470.430108	0.1	4.9	0.5	120.0
Initial Production	6/9/19 12:00 AM	Water Weight = 9.5 ppg Oil API = 41.59 @ 60°F H2S = 0 ppm	5.51	0.00	101	68	2179	36	1.00	64.00	3864 00	229.00	6979.00	70.31%	29.69%	1632.00	3779.00	35%	10758.00	9.89	0.16	10.06	1425,963437	01	5.0	0.5	124.6
Initial Production	6/9/19 1:00 AM		5.77	0.00	116	31	2221	36	100	65.00	2784.00	147.00	7095.00	78.91%		744.00	3810.00	3.6%	10905.00	10.13	0.16	10.30	2072.557471	0.1	49	07	89.8
Initial Production Initial Production	6/9/19 2:00 AM 6/9/19 3:00 AM		5.38	0.90	160	54	2240 2151	38	1:00	67.00	4032.00 3840.00	222.00	7263.00	75.68%	24.32%	1296.00	3864.00	3.6%	11127.00 11359.00	10.36	0.16	10.52	1334.325397 1408.854167	0.1	53	05	120.1
Initial Production	6/9/19 4.00 AM	Water Weight = 9.7 ppg	5.37	0.00	160	60	2140	-	100	08.00	3840.00	220.00	7583.00	72,73%	REFORM	1440.00	3996.00	3.7%	11879.00	10.81	0.16	10.07	1398.4376	0.1	5.4	0.5	123.9
Initial Production	8/9/19 5 00 AM	Oil API = 42.45 @ 60°F	5.47		100	70	100	-	100	1000000	3840.00	239.00	2000000	60.95%		1890.00	4075.00		11816.00	11.03		11.20	1424 479167	THE PARTY OF THE P	54	0.79100	A CONTRACTOR OF THE PARTY OF TH
Initial Production	6/9/19 6:00 AM		5.47	0.00	160	76	2181 2179	- 38	1:00	70.00	3792.00	234.00	7743.00			1824.00	4151.00	3.9%	12052.00	11.20	0.16	11.20	1424 050633	0.1	55	0.5	123.9
Initial Production	6/9/19 7:00 AM	The second second	5.00	0.00	155	55	2146	36	1:00	71.00	3720.00	210.00	8056 00	73.81%	26.19%	1320 08	4206.00	3.9%	12282.00	11.47	0.16	11.63	1344.086022	0.1	6.7	0.0	120.0
Initial Production	6/9/19 8:00 AM	Water Weight = 9.8 ppg Oil API = 42.14 @ 60°F	5.40	0.00	153	81	2145	36	1.00	72.00	3672.00	234.00	8209.00	65.38%	34.62%	1944.00	4287.00	40%	12496.00	1169	0.16	11.86	1470.588235	01	5.8	0.5	118.5
Initial Production Production through Facilities	5/9/19 9:00 AM 5/9/19 10:00 AM		5.50 5.50	0.00	150	70	2172 2169	38	1:00	73.00 74.00	3600.00 4032.00	220,00	8359.00 8527.00	68.18% 70.29%	31.82% 29.71%	1680.00 1704.00	4357,00 4428.00	4.1% 4.2%	12716.00 12965.00	11.92	0.16	12.09 12.31	1527,777778 1364.087302	01	5.9	0.5	116 1
		(11:00) Turned over on a TFMC 38/64"							1000			9-11-2		3333			1775			5- 8 THE	13-13-13	1		1000	(All Control of	1	120000
Flowback operations complete	6/9/19 11:00 AM	choke to Production 22/54" choke at 2,125 psi(g). Manifold sand sample = 0.01%	5.40						0.00	75.00	3770.00	234.00	8682.00	65.24%	33.76%	1895.00	4507.00	428	13189.00	12.38	0.16	12.54	1451.612903	0.1	60	0.5	120.0

Version 201801025

Clear data to create Flowback data for new well Formation Area (Acres) Date on Location Flowback Date on Location Generator Show/Hide autopopulated data

Show/Hide autopopulated data

WELL DATA SUMMARY

History History

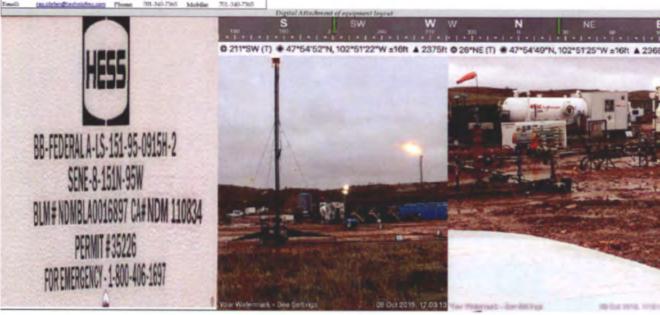
REFER TO COMMENTS ON CELLS FOR QUIDANCE DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event	Date MWDD/YY TIME	Remarks	Flared Gas Rate (FB) MMschi	Sales Gas Rate	Oil Volume	Water Volume bbl/hr	Tubing Press	Choke Size	Duration	Cum Time	Oil Daily	Total Fluid	Oil Cum	Oil Cut	Water Cut	Water Doily	Water Cum	Load Recovery	Total Liq Cum	Flared Gas Cum MMscf	Sales Gas Cum MMSCF	Total Gas Cum MMSCF	GOR	BEPWETP	Cum FTPHIFTP	10	BO/Stage (bb/s/staj	SQRT (1) (Hours*0.5)
Standard Work	6/1/19 8:50 AM	(6:00) TFMC arrives on location. Begin	(FB) NINESCIO	MMScM	DOUN	DONNE	3900	in (#/64)	1:00	0.00	0.00	0.00	0.00	HEAT PLANTS	-	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	scfibbl	(BOts/pst)	0.0	(pel/bbl)	0.0	0.0
Standard Work	6/1/19 9:00 AM	etaging equipment (9:00) TFMC begin Rigging In.					3900		1.00	1.00	0.00	000	0.00		-	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	WMIN T	0.0	0.0	0.0	0.0	10
Standard Work	6/1/19 10:00 AM						3900		1:00	2.00	0.00	0.00	0.00	F Most	3000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1 2380	0.0	0.0	1000	0.0	1.4
Standard Work	6/1/19 11:00 AM 6/1/19 12:00 PM						3900		1.00	4.00	0.00	0,00	0.00	1500	522	0.00	0.00	0.0%	0,00	0.00	0.00	0.00	1	0.0	0.0	0.00	0.0	1.7
Standard Work Standard Work	6/1/19 1:00 PM						3900	1	1:00	5.00	0.00	0.00	0.00	Sept.		0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200	0.0	0.0	455	0.0	20
Standard Work	6/1/19 2:00 PM						3900		1.00	0.00	0.00	0.00	0.00	ASIT	1224	0.00	0.00	0.0%	0.00	0.00	8.00	0.00	1000	0.0	0.0	7.15	0.0	2.4
Standard Work Standard Work	6/1/19 3:00 PM 6/1/19 4:00 PM						3900		1:00	7.00 8.00	0.00	0.00	0.00	4230	578	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	F.8(2)	0.0	0.0	With the	0.0	26
Standard Work	6/1/19 5:00 PM						4000		1.00	9.00	0.00	0.00	0.00	8,002	1200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	2000	0.0	0.0	100	0.0	3.0
Stendard Work	6/1/19 6:00 PM	(5:00) Shift Change Handover Meeting. JSA					4025		100	10.00	0.00	0.00	0.00	in	KEU !	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200	0.0	00	450	0.0	3.2
100000000000000000000000000000000000000	6/1/19 7:00 PM	Reviewed and signed by all team members.					4006		100	****	***	1 7 500	0.00	1000	1000		100						1	0.0	0.0	133	0.0	33
Standard Work Standard Work	6/1/19 8:00 PM	(7:30) Rigging Operations-Standing Flair					4025 4050		1:00	11.00	0.00	0.00	0.00	State	100	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	120	0.0	0.0	2.50	0.0	3.5
Standard Work	6/1/19 9:00 PM						4050		1:00	13.00	0.00	0.00	0.00	100	-72	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1000	0.0	0.0	0.0	0.0	3.6
Standard Work	6/1/19 10:50 PM	(9:30) Rigging operations- completed rigging					4075		1.00	14.00	0.00	0.00	0.00	July 1	estera.	0.00	0.00	0.0%	0.00	0.00	0.00	6,00	400	0.0	00	- an	0.0	3.7
		in sales and sand line to Open top tank. (11:00) Rigging operations- Running Flair									100000	1 300		6.33	10.00						11 13 15 1	200			1 1 1 1			
Standard Work	6/1/19 11:00 PM	Sine					4075		1.00	15.00	0.00	0.00	0.00	ME	1200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200	0.0	0.0	The state of	0.0	3.9
Standard Work Standard Work	6/2/19 12:00 AM 6/2/19 1:00 AM						4100		1:00	17.00	0.00	0.00	0.00	70.50	1000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	2005	00	0.0	1	0.0	40
Standard Work	6/2/19 2:00 AM						4100		1:00	18.00	0.00	0.00	0.00	10.00	1000	0.00	0.00	0.014	0.00	0.00	0.00	0.00	200	0.0	0.0	1950	0.0	4.2
Standard Work	6/2/19 3:00 AM	(3.000 Rigging operations- started Running TPR on all High Pressure line "1502 Wisco					4100		1:00	19.00	0.00	0.00	0.00	Marie .	A POCKET	0.90	0.00	0.0%	0.00	0.00	0.00	0.00	W. 55-	0.0	0.0	TO STATE OF	0.0	44
3-11-1-1	6/2/19 4:00 AM	Pipe"					1 2 2 2	1	1000			100		100	200		1775					100	lane.	- 35-	1224	1 4 4 4 4 4	00	45
Standard Work Standard Work	6/2/19 5:00 AM							N. W.	1:00	21.00	0.00	0.00	0.00	1000	100.5	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1000	19.00	1000	200	0.0	4.6
Standard Work	6/2/19 6:00 AM								1:00	22.00	0.00	0.00	0.00	40005	282	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1	200	457	1	0.0	4.7
Standard Work	6/2/19 7:00 AM	(8:00) Arp Pressure test arrives on location.							1:00	23.00	0.00	0.00	0.00	7755	2000	0.00	8.80	0.0%	00.0	0.00	0.00	0.00	*200	1800	1000	100000	20	4.8
Standard Work	6/2/19 8:00 AM	Waiting for WTI to arrive to fill tines before testing							1:00	24.00	0.00	0.00	0.00	1000	252	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1	200	14390	Trees.	0.0	4.9
		(9:00) WTI Arrives on location. Begin filing							100000			1000	1000	10000			1000				1 1 3 9 1	1000	10 53	200	2300	1 Entre		
Standard Work	6/2/19 9:00 AM	high pressure lines. (9:30) Arp testing begins			19				100	25 00	0.00	0.00	0.00	25.00	about 1	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1 - 100	-	- 440"	- Anni	0.0	5.0
3000000		Pressure test on High pressure lines. WTI begins filling Low pressure lines.							1	-	10000				200	-	100							5 300		OF SE		
The state of the s	The second second	(10:00) Arp Pressure test begins testing low							1000	1000	-		1000	1000			2000		1		199000	1. C. C.	1		100000	1		
Standard Work	6/2/19 10:00 AM	pressure lines. (10:25) Pressure test							0:30	25.00	0.00	0.00	0.00		17.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	775	1000	1000	1000	0.0	5.1
		(1030) Open well to flow on a 24/6/F choke		of the latest the late				1			100000	100	1000	1000					10000						1000	100000		
Intel Flowback	69/19 10:30 AM	with an IOP of 4 156 per(g). Flow to the open					4196	24	0:30	26.50	0.00	0.00	0.00	1000	1001	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	100	00	0.0	1000	0.0	51
		Stip through the byssell, immediate Ges and Oil to surface. Disert flow to HS0088								1	277		1000						1000				100000	1000				
Initial Production	6/2/19 11 00 AM	(11:00) Oil to Production with a WHP of	1.80	0.38		-	3082	24	1:00	27.00	0.00	0.00	0.00	1000	17600	0.00	0.00	0.0%	0.00	0.06	0.02	0.09	Times !	0.0	00		0.0	5.2
T CONT T T CONT CONT		3.062 psi(g) on a 24/64" choke. Water Weight = 9.7 ppg	100		1		-	-	1.00	27.50	-	0.00	0.00	4000		9.00	4.00	000		1	0.00	200		0.0		100000		
Initial Production	6/2/19 12:00 PM	OI API = 44.27 @ 60°F	1.90	0.37	0	122	3182	24	100	28 00	0.00	122.00	0.00	0.00%	100.00%	2926 00	122.00	0.1%	122 00	0.15	0.03	0.19	PRINT	0.0	0.0	1000	0.0	5.3
Initial Production	6/2/19 1:00 PM	H25 = 0 ppm (1:00) Incresse choke to 26/64"	180	0.42	76	112	3202	24	1:00	29.00	1824.00	188.00	76.00	40.43%	59.57%	2088.00	234.00	0.1%	310.00	0.25	0.05	0.26	1214 364005	01	0.1	0.5	50.0	5.4
Initial Production	6/2/19 2:00 PM		2.90	0.26	109	104	3017	26	1.00	30.00	2610.00	218.00	185.00	51.17%	48,83%	2490.00	336.00	0.2%	525.00	0.35	0.00	0.41	1206.422016	0.1	0.2	0.5	84.4	5.5
Initial Production	6/2/10 3:00 PM	(3:00) Increase choke to 32/64", Water Weight = 9.7 ppg	3.20	0.22	100	70	3045	26	1.00	31.00	2544.00	182.00	291.00	1000	19000	1924.00	414.00	0.2%	705.00	0.48	0.07	0.55	1343 946541	0.1	02	05	82.1	56
Initial Production	6/2/19 4:00 PM	OI API = 44.19 @ 50°F	3.61	0.29	118	101	2728	32	1.00	32.00	2832.00	219.00	409.00	13000	1000000	2424.00	515.00	0.3%	924 00	0.63	0.08	0.71	1377,118644	0.1	0.3	05	91.4	5.7
Initial Production Initial Production	5/2/19 5:00 PM 5/2/19 6:00 PM		3.80 4.50	0.12	134	74	2455	32	1:00	33.00	2904.00	105.00	530.00	62.05%		1776.00	589.00 668.00	0.3%	1119.00	0.79	0.09	1.08	1350,206612 1499 689055	01	05	05	93.7	5.7 5.8
Initial Production	6/2/19 7:00 PM	(7:00) increase choke to 36/64"	4.23	0.37	100	75	2997	34	1:00	35.00	2400.00	175.00	764.00	57.14%		1800.00	743.00	0.4%	1507.00	1.16	0.11	1.27	1916.666667	0.1	0.6	07	77.4	5.9
Initial Production	5/2/19 8:00 PM	Water Weight = 9.5 ppg Oil API = 44.00 gb 60°F	3.12	0.35	90	48	4000	38	1.00	30.00	2100 00	136.00	854.00	66.18%	33.62%	1104.00	789.00	0.5%	1843.00	1.29	0.13	1.41	1806.481481	0.0	0.4	01	69.7	8.0
Initial Production	6/2/10 9:00 PM		3.57	0.37	70	172	3205	38	0.07	37 00	1680.00	242.00	924.00	28.99%	71.07%	4128.00	961.00	0.0%	1885 00	1.40	0.14	1.58	2345.238095	0.1	06	0.0	54.2	6.1
Well Shall in	00/19 R07 FM	Blue Light due to High level alarm in		-			3251		0,01	37.12	0.00	0.00	824.00	1350	3000	0.00	961.00	0.0%	1865.00	1.43	0.14	1.58	AND IN	0.0	0.0	100000	0.0	6.1
NPT	6/2/19 9:08 PM	Production facilities							0.42	37 13	0.00	0.00	924.00	10000	EGIT	0.00	961.00	0.6%	1885.00	1.43	0.14	1,58	784	10000	1000		0.0	6.1
Initial Production	8/2/10 9:50 PM	Open well to flow on a 30/64" with a WHP of 4,000 pelid)	h	1				1	0:10	37.63	0.00	0.00	924.50	1945	1915	0.00	961.00	0.0%	1885.00	1.43	0.14	1.50	C 255	1000	10 AND 17	100000	0.0	62
Initial Production	6/2/19 10:00 PM	(10:30) increase choice to 32/64" (11:00) increase choice to 34/64".	0.85	0.25	27	27	3205	30	1.00	35 00	648.00	54.00	951.00	50.00%	50,00%	946.00	386.00	0.6%	1939.00	1.47	0.10	1.63	1851 851852	0.0	0.6	1.5	20.9	62
Initial Production	6/2/19 11:00 PM	(11:30) Increase choke to 36/54"	3.35	0.35	104	36	2975	32	1 00	39 00	2496 00	140.00	1055.00	74.29%	25.71%	864.00	1074.00	0.6%	2079.00	1.81	0.17	1.76	1482.371795	0.0	07	0.5	80.5	62
	WARRA CO. CO. CO.	(12:00) Increase choke to 38/54" Water Weight = 9.5 ppg	44	-	1000	100	200		1	1	18386	1	1	200	200	-	The same	230	1			1		WELL S	100000		No. of the last	F1
Initial Production	6/9/19 12:00 AM	OI API = 44.00 @ 60°F	4.45	0.37	135	49	2506	36	1.00	40.00	3240 00	184.00	1190.00	73.37%	26.63%	1176.00	1073.00	0.0%	2253.00	1.60	0.19	1.00	1495 679012	0.1	0.8	0.5	104.5	6.3
Initial Production	6/3/19 1:00 AM	H2S = 0 ppm	4.28	0.23	157	82	2790	38	1:00	41.00	3768.00	219.00	1347.00	71.09%	28.31%	1488.00	1135.00	0.7%	2482.00	1.08	0.19	2.17	1196.921444	0.1	0.9	0.4	121.5	5.4
Initial Production	6/3/19 2:00 AM		4.15	0.26	129	59	2773	36	1:00	42.00	3096,00	188.00	1476 00	68.62%	31.36%	1416.00	1194.00	0.7%	2670.00	2.15	021	2.36	1421 18803	0.1	1.0	05	99.9	6.5
Initial Production	6/3/19 3 00 AM	Water Weight = 9.5 ppg	4.15	0.32	140	61	2773	38	1:00	43.00	3300.00	221.00		03.35%		1944.00	1270.00	0.7%	2691.00	2.32	0.22	2.04	1330.357143	0.1	1.0	0.4	108.4	8.0
Initial Production	6/3/19 4:00 AM	OI API = 43.51 @ 60°F	4.26	0.23	145	81	2773	38	1.00	44.00	3480.00	226.00		64.16%	200000	1944 00	1358.00	0.8%	3117.00	2.50	0.23	2.73	1290.229885	0.1	1.1	0.4	112.3	6.6
Initial Production Initial Production	6/3/19 5:00 AM 6/3/19 6:00 AM	A CONTRACTOR OF THE PARTY OF TH	3.50 5.08	0.74	137	58 67	2772	38	1:00	46.00	3288.00 3460.00	195.00 212.00		70.26% 68.40%		1392.00	1414.00	0.8%	3312.00	2.66	0.26	3.14	1288.017032 1591.666667	0.1	1.2	0.4	106.1	6.7
Initial Production	6/3/19 7:00 AM	(7:00) Increase choke to 40/64"	3.67	0.73	145	62	2790	38	1:00	47.00	3480.00	207.00		70.05%		1488.00	1543.00	0.9%	3731,00	3.00	031	3.33	1322.701149	0.1	1.3	04	112.3	0.9
Initial Production	6/3/10 8:00 AM	Water Weight = 9.6 ppg Oil API = 42.31 @ 60°F	5.06	0.44	155	78	2750	40	1:00	48.00	3720.00	233.00	2343.00	66.52%	33,48%	1872.00	1621.00	0.9%	3954.00	3.23	0.33	3.56	1477.419355	0.1	1.4	0.4	120.0	69
Initial Production	6/3/19 9:00 AM		470	0.91	151	65	2672	40	1:00	49.00	3624.00	216.00		69 91%		1500.00	1686.00	1.0%	4160,00	3.45	0.97	370	1547.401309	0.1	1.6	04	116.9	7.0
Initial Production Well Shut in	60/19 10:00 AM 60/19 10:40 AM	SIWP: 2,614 pv(sp)	5.40	0.45	148	83	2500	40	0:40	50.00	3552.00	231 00	2642.00	64.07%	35.03%	1992.00	1760.00	1.0%	4411.00	3.65	0.38	4.04 4.04	1647,804054	0.1	1.7	0.4	114.6	7.1
NPT	6/3/19 10:41 AM	Blue light due to release inside of							0:19	50.50	0.00	0.00	2642.00		MENTEL	0.00	1769.00	1.0%	4411.00	3.65	0.38	4.04	1000	To be	1000	200	0.0	7.1
NPT	6/3/10 11:00 AM	HS0088			147	103	3984		1:00	51.00	3528.00	250.00		58.80%	41.20%	2472.00	1872.00	1.1%	4661.00	3.65	0.38	4.04	0	0.1	12	0.1	113.6	7.1

NPT	8/3/19 12:00 PM						4021		1:00	52.00	0.00	0.00	2789.00	000000	1000000	0.00	1872.00	1.1%	4861.00	3.68	0.38	4.64	1000	0.0	12	- EJA	0.0	7.2
Initial Production	6/3/19 1:00 PM	(1.00) Open well to flow on a 30/64" with a WHP of 4,087 psi(g).					4087	30	1.00	53.00	0.00	0.00	2789.00	85.77	en.	0.00	1872,00	1.1%	4661.00	3.65	0.38	4.04	5600	0.0	11	S. Vienne	0.0	7.3
Initial Production	6/3/19 2:00 PM	(1:30) Increase choke to 32/64" (2:30) Increase choke to 34/64"	3.90	0.68	87	5	2799	32	1:00	54.00	2088.00	92.00	2876 00	04 57%	5,43%	120.00	1877.00	1.1%	4753.00	3.81	0.41	4.23	2193.48659	00	1.7	0.7	67.4	7.3
Initial Production	6/3/19 3:00 PM	(3:00) Increase choke to 36/64°. Water Weight = 9.6 ppg	4.01	0.77	164	69	2689	34	1:00	55 00	3936.00	233,00	1000000	70.30%		1656 00	1946.00	1.1%	4986.00	3.98	0.44	4.43	1213,658699	0.1	1.0	0.4	127 0	7.4
Initial Production	6/3/19 4:00 PM	OLAPI = 43.31 @ 60°F	4.42	0.36	150	78	2491	36	1 00	58.00	3744 00	231.00	1020000	67.53%	32.47%	1800.00	2021.00	1.2%	5217.00	4 16	0.46	4.82	1274.839744	0.1	21	0.5	120.6	7.5
Initial Production Initial Production	6/3/19 5:00 PM 6/3/19 6:00 PM	1 177 11 11	5.10	0.50	133	63	2481 2485	36	1:00	57.00 58.00	3552.00 3192.00	194,00	3344.00	70.14%	31.44%	1512.00 1464.00	2084.00 2145.00	1.2%	5428.00 5822.00	4.61	0.50	4.86 5.11	1576.576577	01	22	0.5	103.0	7.5
Initial Production	6/3/19 7:00 PM	Water Weight = 9.4 ppg	5.60	0.62	161	65	2485	36	1.00	59.00	3854.00	226.00	1000000	71.24%		1560.00	2210.00	1.3%	5848.00	4.84	0.53	5.37	1009,989648	0.1	2.4	0.4	124.0	7.7
Initial Production	6/3/19 8:00 PM	OLAPI = 43.97 @ 60°F	5.60	0.44	169	67	2485	36	1:00	60.00	4056.00	216.00	3807 80	71.81%	320363	1608.00	2277 00 2326 00	1:3%	6084.00	5.07	0.54	5.62	1488.16568	01	2.4	0.4	130 8	7.7
Initial Production Initial Production	6/3/19 9:00 PM 6/3/19 10:00 PM		5.53 5.60	0.44	161	81	2479 2477	30	1:00	61.00	3960,00	234.00	4123.00	75.39%	33.61%	1992.00	2411.00	1.4%	0534.00	5.54	0,58	6.12	1679,835782	0.1	2.8	0.6	116.9	7.9
Initial Production	6/3/19 11:00 PM	Water Weight = 9.5 ppg	6.64	0.05	159	81	2478	36	1:00	63.00	3816,00	220.00	4282 00	72.27%	27.73%	1464.00	2472.00	1.4%	6754:00	5.81	0.61	6.42	1910.115304	0.1	2.7	05	123.1	7.0
Initial Production	64/19 12:00 AM	OLAFI = 43.05 @ 60°F H2S = 0 ppm	5.65	0.48	161	64	2473	36	1:00	64.00	3854 00	225.00	4443,00	71.56%	28 44%	1536.00	2536.00	1.5%	6979.00	5.05	0.63	5.68	1585.403727	0.1	2.8	0.4	124.6	8.0
Initial Production	6/4/19 1:00 AM		5,67	0.54	163	76	2473	36	1.00	65.00	3912.00	239.00		88.20%		1824.00	2812.00	1.5%	7218.00	8.29	0.65	6.94	1567 93456	0.1	2.9	0.4	126.2	8.1
Initial Production Initial Production	6/4/19 Z 90 AM 6/4/19 3 90 AM		5.71	0.58	160	62 66	2477	36	1:00	67.00	3840.00 3864.00	227.00	4706,00 4927.00	72.07%		1486.00 1564.00	2574.00 2740.00	1.6%	7440.00	5.52 6.76	0.56	7.20 7.46	1637,239583	01	2.8	0.4	123.9	8.1
Initial Production	6/4/19 4 00 AM	Water Weight = 9, ppg Oil API = 42.95 (5, 60°F	5.15	0.57	157	53	2460	36	1:00	68.00	3768.00	210.00	5084.00	74.70%	25.24%	1272.00	2793.00	1.0%	7877.00	0.98	0.72	7.70	1518.046709	0.1	3.2	0.5	121.5	8.7
Initial Production	6/4/19 5:00 AM		5.08	0.63	165	62	2463	36	1:00	69.00	3960.00	227.00	5249.00	72.69%	27,51%	1488.00	2855.00	1.7%	8104.00	7.19	0.74	7.93	1441.919192	0.1	33	0.4	127.7	8.3
Initial Production Initial Production	6/4/19 6:00 AM 6/4/19 7:00 AM		5.00 4.10	0.80	160	60	2479 2484	36	1:00	70:00	3840.00 3744.00	221.00	5409.00	72.40%	27.60%	1464.00	2916.00	1.7%	8325.00	7.40	0.78	8.16	1509.895833	0.1	3.4	0.4	123.9 120.8	8.4
Initial Production	6/4/19 6:00 AM	Water Weight = 9.6 pog Oil API = 43.13 d) 60°F	5.20	0.60	170	45	2490	36	1:00	72.00	4080.00	215.00	5735.00	79.07%	20 93%	1000.00	3021.00	1.8%	8756.06	7.70	0.84	8.63	1420.345137	0.1	3.6	0.4	131.6	8.5
Initial Production	6/4/19 9:00 AM	G. 77 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5.70	0.46	141	65	2501	36	1.00	73.00	3384.00	207.00	5870.00	66.12%	31.86%	1564.00	3057.00	1.6%	8957.00	8.02	0.86	1.89	1819.739953	0,1	3.6	0.5	109.2	8.5
Initial Production Initial Production	64/19 10:00 AM 64/19 11:00 AM		5.10	0.49	182	58 67	2449 2449	36	1.00	74.00	4368.00	240.00	6228.00	75.63%	28.27%	1392.00	3145.00	1.8%	9201.00	8.24	0.88	9.12	1290.448718	0.1	3.6	0.4	140.9	8.7
Initial Production	64/19 12:00 PM	Water Weight = 9.6 ppg	5.10	0.56	161	53	2447	-	1:00	76.00	4344.00	234.00			7233	1272.00	3265.00	1.0%	9674.00	8.66	690	9.59	1302 946583	0.1	4.0	0.4	140.1	8.7
		Ol API = 43.34 @ 60°F H2S = 0 ppm		100		2		-					1300	77.35%	22.65%					153000					1			
Initial Production Initial Production	6/4/19 1:00 PM 6/4/19 2:00 PM	(2.00) increase choke to 38/54"	5.20 5.30	0.35	153	65 50	2450 2435	36	1:00	77:00 76:00	3672.00	218.00	6562.00		29.82%	1560.00	3330.00	2.0%	10106.00	9.09	0.95	9.82	1512 577233	0.1	4.0	0.5	118.5	8.8
Initial Production	6/4/19 3 00 PM	Water Weight = 9.6 ppg	4.80	0.79	162	68	2306	38	1:00	79.00	3888.00	230.00	6688.00	70.43%	29.57%	1632 00	3448.00	2.0%	10336,00	9.29	0.99	10.29	1436.965597	0.1	4.5	0.5	125,4	8.9
Initial Production	6/4/19 4 00 PM	Ol API = 43.13 @ 60°F	5.40	0.45	173	58	2334	38	1.00	80.00	4152 00	231 00	100000	74.89%	0.000	1392.00	3506.00	2.1%	10567.00	9.52	1.01	10.53	1409.441233	0.1	4.5	0.4	133.9	8.9
Initial Production	6/4/19 S 00 PM 6/4/19 8 00 PM		5.50 5.62	0.72	167	60	2301 2555	38	1:00	81.00 82.00	4008.00 4080.00	230.60	7228.00	73.57%	25.43%	1440.00	3565 00	2.1%	19794.00	9.75	122	10.97	2015.768463 1553.921569	0.1	4.7	0.5	129.3	9.0
Initial Production	6/4/19 7:00 PM	and the second second	5.65	0.33	175	57	2296	38	1:00	83.00	4200.00	232.00		75,43%		1368.00	3663.00	2.2%	11258.00	10.22	1.26	11.48	1423 809524	0.1	4.5	0.5	135.5	9.1
Initial Production	6/4/19 8:00 PM	Water Weight = 9.6 ppg Os API = 42.71 @ 60°F	5.62	0.38	184	59	2295	38	190	84.00	4416.00	243.00	7757.00	75.72%	24.28%	1416.00	3742.00	2.2%	11499.00	10.45	128	11.73	1358 695652	0.1	50	0.4	142.5	9.2
Initial Production Initial Production	6/4/19 9:00 PM 6/4/19 10:00 PM		5.63	0.39	153	32 61	2333 2707	38	1:00	85.00	3672.00 3432.00	185.00	7910.00	70.10%	17,30%	768.00	3774.00 3835.00	2.2%	11684.00 11888.00	10.59	1.29	11.96	1639.433551 1727.855478	0.1	5.0	0.5	118.5	9.2
Initial Production	6/4/19 11:00 PM	(11.30) Decreuse choke to 36/64"	5.17	0.57	181	45	2478	36	1:00	87.00	4344.00	226.00	8254.00		19.91%	1060.00	3880.00	2.3%	12114.00	11.12	134	12.47	1321 362799	0.5	4.9	0.4	140.5	9.3
Initial Production	6/5/19 12:00 AM	Water Weight = 9.6 ppg Ot API = 42:56 @ 60°F	5.09	0.32	166	55	2533	34	1:00	88:00	3984.00	221 00	8400.00	75.11%	24.89%	1320.00	3935.00	2.3%	12335 00	11.34	1.36	12.69	1357.931727	0.1	4.9	0.4	128.5	2,4
Initial Production	6/5/19 1:00 AM	H2S = 0 ppm (1:30) Decrease choke to 32/64"	4.59	0.42	153	45	2668	34	190	89.00	3872.00	198.00	8553.00	77.27%	22.78%	1080.00	3960 00	2.3%	12533.00	11.53	1.37	12.90	1301 055773	01	4.9	0.4	118.5	9.4
Initial Production	6/5/19 2:00 AM		5.19	0.46	159	54	2759	32	1:00	90.00	3816.00	213.00	8712.00	74.65%	25.35%	1296.00	4034.00	2.4%	12746.00	11.74	1.39	13.14	1480 607966	0.1	4.6	0.4	123.1	9.5
Initial Production	6/5/19 3:00 AM 6/5/19 4:00 AM	(3:30) Decrease choke to 30/64" Water Weight = 9 6 ppg	4.82	0.50	141	54	2720	32	1:00	91.00	3384.00	195.00	8993.00	100000	27.69%	1296.00	4088.00	2.4%	13130.00	11.94	141	13.36	1672 104019	01	4.6	04	109.2	95
Initial Production	6/5/19 5:00 AM	Ol API = 42.74 @ 60°F (5:30) Decrease choke to 28/64°	4.95	0.47	197	49	2881	30	1:00	93.00	3288.00	181.00	9130.00	74.07%	24.31%	1056.00	4181.00	2.4%	73311.00	12.15	145	13.77	1380 778589	0.1	4.6	0.4	106.1	9.6
Initial Production	6/5/19 5:00 AM		3.80	0.46	129	40	2982	28	1.00	94.00	3096.00	169 00	9259.00	76,33%	23.67%	960.00	4221.00	2.5%	13460.00	12.48	1.47	13.95	1374 677003	0.1	4.5	0.4	99.9	97
Initial Production	6/5/19.7:00 AM	(6:00) Decrease choice to 26/04*	3.90	0.38	144	39	3020	28	1.00	95.00	3456,00	183.00	9403.00	78.69%	21,31%	930.00	4260.00	2.5%	19863.00	12.64	149	14.13	1239 293981	0,1	4.5	03	111.5	9.7
Initial Production	6/5/19 8:00 AM	Water Weight = 9.7 ppg Of API = 44.40 db 60°F	4.30	0.00	168	34	2975	28	1:00	95.00	4032.00	202.00	9571.00	83.17%	10.83%	816.00	4294.00	2.5%	13865.00	12.82	1.49	14.31	1066.468254	0.1	4.7	0.3	130.1	28
Initial Production	6/5/19 9:00 AM		3.90	0.00	115	43	3168	26	1:00	97,00	2760.00	158.00	9686.00	72.78%		1032.00	4337.00 4368.00	2.5%	14023.00	12.98	149	14.47	1413 043478	00	4.4	04	89.0	9.8
Initial Production Initial Production	6/5/19 10:00 AM 6/5/19 17:00 AM	(10:00) Decrease choke to 24/64"	3.90	0.00	105	49	3176 3302	24	1:00	95,00	2664.00 2520.00	142.00	9797.00	88.18%		744.00 1178.00	4417.00	2.6%	14319.00	13.28	1.50	14.78	1406 349206	0.0	4.3	04	95.9 81.3	9.9
NAME OF TAXABLE PARTY.		(12:00) Decrease choke to 22/64" Water Weight = 9.7 ppg		1										-	20.744								***************************************			-		
Initial Production	6/5/19 12:00 PM	Of API = 44.40 @ 60°F H28 = 0 ppm	3.46	0.14	109	32	3309	24	1:00	100.00	2616.00	141.00	10011.00	77.30%	22.70%	7/88:00	4449.00	2.0%	14480.00	13.42	1.51	14.93	1375.146789	0.0	4.4	0.3	84.4	10.0
Initial Production	6/5/19 1:00 PM	100.000	3.07	0.00	96	40	3370	22	1:00	101:00	2280.00	135,00	10106.00	1	29 63%	960.00	4489.00	2.6%	14595.00	13.55	1.51	15.06	1346.491226	0.0	4.3	0.4	73.5	10.0
Initial Production Initial Production	6/5/19 2:00 PM 6/5/19 3:00 PM	(3:30) H4 Offset pressure at 4,450 psi(g).	2.90	0.00	76	18	3435	22	1:00	102.00	1824.00	136.00	10182.00	10000	19.15%	432.00 960.00	4507.00 4547.00	2.6%	14689.00	13.67	1.51	15.18	1589 91Z281 1258 680556	0.0	4.3	0.4	58.6 74.3	101
		began bleed off to production Water Weight = 9.7 ppg					1					THE REAL PROPERTY.	1000	100000						-		1000		-	111111111111111111111111111111111111111			100000
Initial Production	6/5/19 4:00 PM 6/5/19 5:00 PM	OI API = @ 60°F	2.40	0.34	96	26	3365	22	1:00	104,00	2352.00	124.00	100000	79.03%		624.00	4573.00 4609.00	27%	14949.00	13.89	152	15.41	1164 965986	0.0	4.5	0.4	75.9	10.2
Initial Production	6/5/19 8:00 PM		2.96	0.00	86	27	3399	22	1.00	106.00	2084 00	113 00	10581.00	76.11%	23.89%	648.00	4636.00	2.7%	15197.00	14.12	1.54	15.65	1434.108527	0.0	4.5	0.4	56.6	10.3
Initial Production	6/5/19 7:00 PM	Water Weight = 5 6 ppg	2.66	0.00	92	29	3379	22	1:00	107.00	2208.00		100000000000000000000000000000000000000	76.03%			4665.00	2.7%	15316.00	14.24	154	15.77	1295 289855	0.0	4.5	0.4	71.2	10.3
Initial Production	6/5/19 8:00 PM 6/5/19 9:00 PM	Of API = 42.91 食 60°F	2.57	0.30	92	28	3375	22	100	108.00	2304.00	120.00		76.67% 68.57%	23,33%	672.00 1056.00	4893.00 4737.00	2.7%	15436.00	14.34	155	15.89	1295.289855 1245.659722	0.0	4.0	0.4	71.2	10.4
Initial Production	6/5/19 10 00 PM		2.31	0.52	93	37	3370	22	1:00	110.00	2232.00	130.00	10934.00	71.54%	28.46%	888 00	4774 00	2.8%	15706.00	14.54	1 59	16.13	1267 921147	00	4.7	0.4	72.0	10.5
Initial Production	6/5/19 11:00 PM	Water Weight = 9.6 ppg	2.84	0.00	96	31	3371	22	1.00	111.00	2304.00	127.00	11030.00	75.59%	24.41%	744.00	4905.00	2.8%	15835.00	14.66	1.59	16.25	1232.638889	0.0	4.7	0.4	74.3	10.5
Initial Production	6/6/19 12:00 AM	QI API = 42.49 @ 60°F H2S = 0 ppm	2.84	0.00	91	36	3379	22	100	112.00	2184.00	127.00	11121.00	71.65%	28.35%	864 00	4841.00	2.8%	15962 00	14.77	3.50	16.37	1300.3663	00	4.7	0.4	70.5	10.6
Initial Production	6/6/19 1:00 AM	TAN- O JOH	2.83	0.00	94	24	3372	22	100	113.00	2256.00			79.86%		575.00	4865.00	2.8%	16080 00	14.89	1.59	15.49	1254.432634	0.0	4.8	0.6	72.8	10.6
Initial Production Initial Production	6/6/19 2:00 AM 6/6/19 3:00 AM	The state of the s	2.58 2.84	0.28	92	25 25	3380	22 22	1:00	114.00	2208.00 2952.00			78.63% 79.67%		600 00	4890.00 4915.00	2.9%	16197.00	15.00	160	16.60	1295 289855	0.0	4.8	0.4	71.2 75.9	10.7
Initial Production	6/5/19 4:00 AM	Water Weight = 9 5 ppg	2.69	0.17	93	38	3382	22	1:00	116.00	2232.00	131.00	1000000	70.90%		912.00	4953.00	2.9%	16451.00	15.23	1.61	16.84	1276.88172	0.0	4.9	0.4	72.0	10.8
Initial Production	6/5/19 5:00 AM	Ol AP(= 43.11 @ 60°F	2.83	0.00	91	29	3365	22	1:00	117.00	2184.00	120.00	11589.00	75.83%	24.17%	695.00	4982.00	2.9%	18571.00	15.35	1.61	16.96	1295.787546	0.0	4.9	0.4	70.5	10.8
Initial Production Initial Production	6/5/19 6:00 AM 6/5/19 7:00 AM	1000	2.40	0.34	96	32 35	3369 3365	72	1.00	118.00	2304.00 2256.00	129.00		75:00% 72.87%		768.00 640.00	5014.00	3.0%	16699.00	15.45	1.63	17.07	1187.065872 1225.177305	0.0	5.0	0.4	74.3 72.8	10.9
Production through Facilities	6/5/19 8:00 AM	Water Weight = 9.7 ppg Ol API = 43.25 @ 60°F	2.40	0.37	112	11	3369	22	0.10	120.00	2588.00	123 00		91.06%	8.94%	284.00	5060.00	3.0%	16951.00	15.55	1.56	17.30	1028 645833	0.0	5.0	0.3	86.7	110
		(8.10) Turned over on a TFMC 22/64"							1000	1				1			9			1 1 1 1		11-3/15		MILL				1
Flowback operations complete	6/5/19 8 10 AM	choke to Production 20/54" choke at 3382 pelig). Manifold sand sample = 0.01%							0.00	120.17	0.00	2.00	11891.00	700		0.00	5060.00	3.0%	16951.00	15.05	1.66	17.30	192	345	" Kill "	18-95	0.0	11.0
		MORE LAND				سنا		الاستساء		7-01		1	123	-			1		-		Lines			200	10000	10		

		Dates	10/8/2019
	Gene	ral Information	
Company Name:	Hess Bakken LLC. II		
Lease/Well:	BB-FEDERAL A-LS-15	1-95-0915H-2	AFI 3305308960
Coordinates	LATITUDE/LONG	CITUDE LAT 48	97" LON 102*4741"W
	Inti	tial Flowback	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount MMsd
10/9/19 1:10 PM	10/9/19 2:36 PM	1.87	0.0779
	Initial Produc	ction - Flare (Separator	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMsci
10/9/19 2:36 PM	30/14/19 10:00 AM	1.59	3.1133
	Initial Produ	ction - Flore (Facilities	
Start Date & Time	End Date & Time	Rate: MMncf/d	Amount MMscf
10/9/19 236 PM	10/14/19 10:00 AM	4.74	19.3551
		n through Facilities	
Start Date & Time	End Date & Time	Rate: MMncf/d	Amount MMsci
#N/A	#N/A	0.00	0.0000



		Date:	10/8/2019				
		Liates	10/1/2/19				
	Gene	ral Information					
Company Names	Hose Bakken LLC, []						
LeasyWell:	BB-FEDERAL A-LS-15L95-0915H-3 API 3308309689						
Coordinates	LATITUDE/LON	CITUDE: LAT: 48	97" LON:102-47-41"W				
	žvi	tial Flowback					
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount MMscf				
10/18/19 12:00 PM		0.00	0.0000				
	Initial Produ	ction - Flare (Separator)					
Start Date & Time	Eral Date & Time	Rate: MMscI/d	Amount MMscf				
10/18/19 L00 PM	10/23/19 8 00 AM	538	20.0004				
		ction - Flare (Facilities)					
Start Date & Time	End Date & Tune	Ratio: MMsct/d	Amount: MMscl				
10/18/19 L00 PM	10/23/19 8:00 AM	1.91	1.7479				
	Productio	na through Facilities					
Start Date & Time			Amount MMsd				
10/23/19 R/IO AM	10/23/19 8 10 AM	0.00	0.0000				
Comments: Fox a	directed by lease operator	due to pipeline pressure.					
	Respo	onsible Party (7)					
Name Angels	Sawyer T	Itle: Site Supervisor					
Email: angela.	savorer@techniofmc.com P	Nome: 720-534-6253	Mobile 720-531-6253				

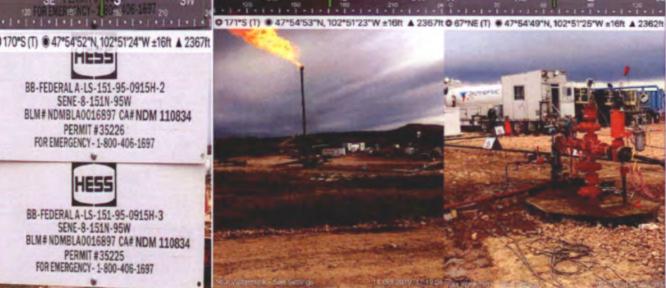
© 170°S (T) @ 47°54'52"N, 102°51'24"W ±16ft ▲ 2367ft

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BB-FEDERAL A-LS-151-95-0915H-2 SENE-8-151N-95W BLM# NDMBLA0016897 CA# NDM 110834 PERMIT #35226 FOR EMERGENCY - 1-800-406-1697



BB-FEDERALA-LS-151-95-0915H-3 SENE-8-151N-95W BLM# NDMBLA0016897 CA# NDM 110834 PERMIT #35225 FOR EMERGENCY - 1-800-406-1697



 Version 201801025
 WELL DATA SUMMARY

 Clear data to create Flowback data for new well
 Well Name Hose Cerperation BB-FEDERAL 6-151-95-2122H-6 AFI Number Area West Formation Find From Market Ma

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT SOIT CELLS EVADED DIRET FOR ANY REASON

Data Completed By:

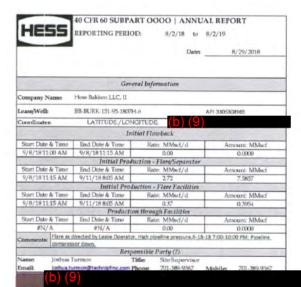
| Flowback Crew / Hess FB Super
| Flowback | Automatic

| FRAC JOB SUMMARY | Type Priso Job | TOTAL Clean Plus Partner | P

	Effective # Stugge	48	Stages					
Event Phase	MMOONY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate Milisold	Oil Volume	Water Volume bb/fir	Tubing Press	Chi
Standard Work	5/15/19 7:00 AM	(7:30) TFMC arrives on location.			-			
Standard Work	5/15/19 8:00 AM	(8:00) TFMC begins staging equipment	S. Marie St. M.					
Standard Work	5/15/19 9:00 AM	(9:00) TFMC begins Rig In		100			1 (1)	
Standard Work	5/15/19 5:00 PM	(5:30) TFMC Night shift arrived on location	11 1/11	1000	-	No.		
Standard Work	5/15/19 6:00 PM	(6:00) TFMC continued to rig up equipment	100					
	5/15/19 11:00 PM	(11:00) Open Well to Monitor Tubing/Casing		1				1
Standard Work	5/15/19 11:00 PM	pressure		1/1		100	2800	
Standard Work	5/16/19 12:00 AM			100	1	1 5	2600	100
Standard Work	5/16/19 1:00 AM				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2800	
Standard Work	5/16/19 2:00 AM			1 1 1 1 1 1 1	1		2600	-
Standard Work	5/16/19 3:00 AM						2800	
Standard Work	5/16/19 4:00 AM	1				/	2800	
Standard Work	5/18/19 5:00 AM						2800	
Standard Work	5/16/19 6:00 AM	the Committee of the Co					2800	100
Standard Work	5/16/19 7:00 AM	(7:30) TFMC complete rig in.				10 10	2800	1
Standard Work	5/16/19 B.00 AM	(8:00) Monitoring Tubing/Casing pressure. ARP testing arrive on location begin pressure testing.		3			2800	
Standard Work	5/16/19 9:00 AM	(09:00) Monitoring Tubing/Casing pressure			1		2800	1
Standard Work	5/16/19 10:00 AM	(10:00) Monitoring Tubing/Casing pressure. Pressure test complete.					2800	100
Initial Flowback	5/16/19 10 30 AM	(10 30) Open wall to flow on 34'54" Choke to the countop through the bysats. With all			100		2722	1
Initial Florenach	Sherts at do Au	(11 30) Gas to surface. Direct flow to HS		Marie A		*	1850	=
RIDSI FEMILES		CORE						1
India Flowback	5161912007M	Water Weight = 9.4 ppg Cir API = NrA H2S = 0 som	120	0.0f	0	145	1831	
Initial Production	5/16/19 12:15 PM	(12:15) Qf to production on a 24/64" choke with a WHP of 1.824 psi(a).	0.00	0.00	0	1- 10-1-1	1824	
Initial Production	5/16/19 1:00 PM		1.50	1.20	15	63	1914	
Initial Production	5/16/19 2:00 PM	(2:00) Increase choke to 28/64"	1.90	0.00	59	40	2081	-
Initial Production	5/16/19 3:00 PM		1.80	0.00	72	49	1925	
Initial Production	5/16/19 4:00 PM	(4:00) burease choke to 32/64" Water Weight = 9.4 ppg	1,70	0.00	.66	36	1793	
Initial Production	5/16/19 5:00 PM	Oli API = 41.68 @ 60°F	150	0.00	78	28	1527	
Initial Production	5/16/19 6:00 PM	(6:00) (neressed choke to 36/64"	2.00	0.00	81	35	1424	
Initial Production	5/16/19 7:00 PM	(0.00) increases chare to serve	2.10	0.00	91	40	1261	
Initial Production	5/16/19 8:00 PM	Water Weight = 9.5 ppg Oil API =40.92@ 60°F	1.50	0.00	73	27	1261	
		H2S = 0 spm					1000	1
Initial Production	5/16/19 9:00 PM		1.90	0.00	78	34	1135	
Initial Production	5/16/19 10:00 PM	The state of the s	1.90	0.00	72	42	1049	100
Initial Production	5/16/19 11:00 PM	(11.30) tubing press = 982 psi Increased choke to 38/64* Water Weight = 0.5 ppg	1.70	0.00	69	31	1035	
Initial Production	5/17/19 12:00 AM	Oli API #41,24@ 60°F H2S = 0 ppm	1.90	0.00	77	37	875	
Initial Production	5/17/19 1:00 AM	7100 - 0 1001	1.80	0.00	68	31	874	
Initial Production	5/17/19 2:00 AM		1.70	0.00	69	32	837	
Initial Production	5/17/19 3:00 AM	The second second	1.70	0,00	67	30	822	
Initial Production	5/17/19 4:00 AM	Water Weight = 9.5 ppg Oil API =40.84@ 50°F H2S = 0 ppm	1.70	0,00	62	22	760	
Initial Production	5/17/19 5:00 AM	(4:00) decreased choke to 36/64"	1,60	0.00	81	44	781	
Initial Production	5/17/19 6:00 AM		1.60	0.00	52	27	761	
Initial Production	5/17/19 7:00 AM		1.60	0.00	55	27	747	
	and the state of t	Water weight = 9.5 ppg		1 2 2 2 2 2	1 22			
Initial Production	5/17/19 8:00 AM	OI API = 44.53 @ 60°F	1.50	0.00	54	28	736	
Initial Production	5/17/19 9:00 AM		1.50	0.00	53	29	716	
Initial Production	5/17/19 10:00 AM	-	1.40	0.00	50	18	697	1
Initial Production	5/17/19 11:00 AM		1.60	0,00	54	27	686	
Initial Production	5/17/19 12:00 PM	Water weight = 9.5 ppg Oil API = 43.14 @ 60°F	1.40	0.00	46	24	679	
	August Children	H2S = 0 eem	142	100 300	1	-	-	
Initial Production	5/17/19 1:00 PM		1,50	0.00	47	29	657	1
Initial Production	5/17/19 2:00 PM	1/	1.60	0.00	48	22	856	1
Initial Production	5/17/19 3:00 PM	The second second second	1.30	0.00	42	29	662	
Initial Production	5/17/19 4:00 PM	Water weight = 9.5 ppg Oil API = 44.53 & 60°F	1.30	0.00	42	15	650	
Initial Production	5/17/19 5:00 PM	OR APT - 84:03 62 00 F	1.30	0.00	42	28	645	1
Initial Production	5/17/19 6:00 PM	The second second	1.30	0.00	44	16	621	
Initial Production	5/17/19 7:00 PM		1.30	0.00	45	20	611	
Initial Production	5/17/19 8:00 PM	Water weight = 9.5 ppg Oil API = 44.08 @ 60°F	1.30	0.00	44	25	600	
		H2S = 0 ppm		200			Q- 1	
Initial Production	5/17/18 9:00 PM		1.30	0.00	42	15	597	1
Initial Production	5/17/19 10:00 PM		1.30	0,00	45	28	587	1
Initial Production	5/17/19 11:00 PM	No. of the last of	1.20	0.00	41	15	578	
Initial Production	5/18/19 12:00 AM	Water weight = 9.5 ppg Oil API = 45.0 @ 50°F	1.20	0.00	42	13	571	
Initial Production	5/16/19 1:00 AM	H2S = 0 spm	1.20	0.00	39	22	562	
	5/18/19 2:00 AM		1.20	0.00	42	13	950	
Initial Production Initial Production	5/18/19/3:00 AM		1.20	0.00	40	14	551	1
Initial Production	5/15/19 4:00 AM	Water weight = 9.5 ppg Oil API = 44.67 @ 60°F	1.30	0.00	39	22	542	
		H2S = 0 pom			-			1
Initial Production	5/15/19 5:00 AM		1,10	0.00	40	18	637	
Initial Production	5/18/19 6:00 AM		1.20	0.00	42	16	534	
Initial Production	5/18/19 7:00 AM	Andrews State 1	1.20	0.00	34	18	525	
Initial Production	5/16/19 8:00 AM	Water Weight = 9.6 ppg	1.20	0.00	36	20	622	
		OF API = 45.11 @ 60°F		1		100	350	1
Initial Production	5/16/19 9:00 AM		1,10	0.00	37	22	210	
Initial Production	5/18/19 10:00 AM		1.10	0.00	37	15	500	
Initial Production	5/18/19 11:00 AM	March Control of the	1.10	0.00	37	18	499	
Initial Production	5/18/19 12:00 PM	Water Weight = 9.6 ppg OE API = 45.27 @ 60°F	1,10	0.00	36	15	493	
	DETOLIS LEGISLAN	UE M11 = 40.27 (0) 0011	1.10	0.00	49	10	1 100	1

Initial Production	5/18/19 1:00 PM	(1:20)WHP increased to 580 ps (g).	1,10	0.00	36	22	491	36
Initial Production	5/16/19 2:00 PM	(1:30) WHP increased to 1,550 psi(a).	2.90	0.00	46	20	1560	36
	5/16/19 3:00 PM	(5:30) Decrease choke to 34/64" to conserve	1.80		1996		1431	
Initial Production	0/10/19/3/20 FM	tank space due to road closure.	1.80	0.00	81	84	1431	36
Initial Production	5/18/19 4:00 PM	(4:45) Decrease choke to 32/64" Water Weight = 9.6 ppg	2.30	0.00	68	74	1475	34
	- 347,000	Ol API = 45.33 @ 60°F		0.00	- 00		100	
Initial Production	5/18/19 5:00 PM	(5:00) Decrease choke to 30/64"	2.50	0.00	82	59	1391	34
Initial Production	5/16/19 6:00 PM	incressed static pressure to push solids down blowdown line	1.50	0.00	54	59	1400	30
Initial Production	5/16/19 7:00 PM	(7:30) Decrease choke to 26:64"	1.70	0.00	62	48	1372	30
		Water weight = 9.6 ppg		777				1
Initial Production	5/18/19 6:00 PM	Cit API = 45.23 @ 60°F	1,30	0.00	62	30	1331	28
Initial Production	5/18/19 9:00 PM	H2S = 0 ppm	1.30	0.00	56	33	1334	28
Initial Production	5/18/19 10:00 PM		1.20	0.00	52	33	1346	28
Initial Production	5/18/19 11:00 PM	The second second	1.30	0.00	53	34	1340	28
	5/19/19 12:00 AM	Water weight = 9.6 ppg	100			//	****	-
Initial Production	S/18/19 12:00 AM	Oli API = 44.96 @ 60°F H2S = 0 ppm	1.30	0.00	55	35	1277	28
Initial Production	5/19/19 1:00 AM	100	1.30	0.00	50	35	1271	28
Initial Production	5/19/19 2:00 AM		1.40	0.00	54	26	1261	28
Well Shurin	5/19/19 2:38 AM	(2:38) SWP, 3,326 px(g). Shut in due to lack of tank storage and					1326	28
NPT	5/19/19 2:39 AM	road restrictions.						
		and the second second			-			
NPT	5/19/19 3:00 AM 5/19/19 4:00 AM	(3:00) Monitor Wett/Casing Pressures			48	22	1601	
NPT NPT	5/19/19 8:00 AM						1668	
NPT	5/19/19 6:00 AM						1697	
NPT	5/19/19 7:00 AM						1740	
NPT	5/19/19 8:00 AM						1754	
NPT	5/19/19 9:00 AM						1765	
NPT	5/19/19 10:00 AM						1778	
NPT	6/19/19 11:00 AM					1	1797	
NPT	5/19/19 12:00 PM 5/19/19 1:00 PM						1817	
NPT NPT	5/18/19 1:00 PM 5/18/19 2:00 PM						1921	
NPT	5/19/19 3:00 PM						1847	
NPT	5/13/19 4:00 PM						1854	
NPT	5/19/19 5:00 PM						1864	
NPT	5/19/19 6:00 PM						1873	
NPT	5/15/19 7:00 PM						1982	
NPT	5/19/19 8:00 PM						1887	
NPT	5/19/19 9:00 PM	7				1	1891	
NPT NPT	6/15/19 10:00 PM 6/16/19 11:00 PM						1902	
NPT	5/20/19 12:00 AM						1914	
NPT	5/20/19 1:00 AM						1917	
NPT	5/29/19 2:00 AM						1921	
NPT	5/20/19 3:00 AM						1928	
NPT	5/20/19 4:00 AM						1933	
NPT	5/20/19 5:00 AM						1937	
NPT	5/20/19 6:00 AM						1937	
NPT	5/20/19 7:00 AM						1944	
NPT NPT	5/20/19 R:00 AM 5/20/19 9:00 AM						1949	
NPT	5/20/19 10:00 AM						1956	
NPT	5/20/19 11:00 AM						1961	
COLUMN TWO IS NOT THE OWNER.		THE RESIDENCE OF THE PARTY OF T						The second secon
Intial Flowback	520/19.11:15 AM	(11,15) Open well to flow on a 32/64" to					1981	32
Initial Flowback	520/19 11,15 AM	750088 with an 100 of 1.061 pend!					1981	32
Initial Production	520/19 11:15 AM 520/19 11:35 AM	(11:35) Of to Production on a 32/64" choke with a WHP of 1.263 psi(a)					1263	32
Initial Production	5/20/19 11:35 AM	(11:35) Of to Production on a 32/64" choke with a WHP of 1.263 psi(d) (12:15) Increase choke to 34/64"					1263	32
		(11:35) Of to Production on a 32/64" choke with a WHP of 12:30 psi(a) (12:15) Increase choke to 34/64" Water Weight = 9.7 ppg	1.60	1.00	50	0	Contract of the last	
Initial Production	52019 11:35 AM 52019 12:00 PM	HISOUSS Wits an IOP of 1 DRI pass (11-25) OF the Production on a 32/54" choice with a WHP of 1 263 patics) (12-15) increase choke to 34/54" Water Weight = 9.7 ppg OF API = 43.05 @ 60"F H28 = 9.0 ppm					1263	35 35
Initial Production Initial Production Initial Production	52019 11:35 AM 52019 12:00 PM 5/2019 1:00 PM	#150055 with an IOP of 1.061 pas at (11:35) Of to Production on a 32/64" choke with a WHP of 1.263 pat(a) (12:15) increase choke to 34/64" Water Weight = \$7.7 ppg Of API = 43.05 df 60"F	2.70	0.00	29	27	1263 1160 1341	32 32 34
Initial Production Initial Production Initial Production Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM	HISOUSS Wits an IOP of 1 DRI pass (11-25) OF the Production on a 32/54" choice with a WHP of 1 263 patics) (12-15) increase choke to 34/54" Water Weight = 9.7 ppg OF API = 43.05 @ 60"F H28 = 9.0 ppm	2.70 2.90	0.00	29 74	27 71	1263 1160 1341 1297	32 32 34 36
Initial Production Initial Production Initial Production Initial Production Initial Production	52019 11:35 AM 52019 12:00 PM 52019 1:00 PM 52019 2:00 PM 52019 3:00 PM	HISOUSS Wits an IOP of 1 DRI pass (11-25) OF the Production on a 32/54" choice with a WHP of 1 263 patics) (12-15) increase choke to 34/54" Water Weight = 9.7 ppg OF API = 43.05 @ 60"F H28 = 9.0 ppm	2.70 2.90 2.90	0.00 0.00 0.00	29 74 101	27 71 52	1263 1160 1341 1297 1275	32 34 36 36
Initial Production	520/19 11 35 AM 520/19 12:00 PM 520/19 1:00 PM 520/19 2:00 PM 520/19 2:00 PM 520/19 4:00 PM	### (136) Of the Production on a 32/64" choice with a WHP of 1 203 paid of (12.5) in crossas choice is 3-456" Water Weight = 9.7 pay GAP + 43.05 g GOF H2S = 0 ppm (1.15) increase choice to 3-8/64"	2.70 2.90 2.90 2.80	0.00 0.00 0.00 0.00	29 74 101 83	27 71 52 26	1263 1160 1341 1297 1275 1229	32 32 34 36 36 36
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	5/20/19 11:35 AM 5/20/15 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 4:00 PM 5/20/19 5:00 PM	H30005 with an J009 of 1 951 pass) (1130) of the Production on a 3264° choise with a WHP of 1 203 paid of the with a WHP of 1 203 paid of 1215) increase choise in 3456° Water Weight = 9.7 pag OB AP = 4.3 05 g Go°F 123 = 0 ppm (1.15) increase choise to 38/54° Water Weight = 9.7 pag OB API = 44.19 db 60°F	2.70 2.90 2.90 2.60 2.70	0.00 0.00 0.00 0.00	29 74 101 83 89	27 71 52 25 48	1263 1160 1341 1297 1275 1229 1190	32 34 36 36 36 36
Initial Production	5:20:19:11:35 AM 5:20:19:12:00 PM 5:20:19:100 PM 5:20:19:200 PM 5:20:19:200 PM 5:20:19:500 PM 5:20:19:500 PM 5:20:19:500 PM	##2005 with ps 100 ft 1 951 pass) (1130) of the Production on 3 234" choise with a WHP of 1 233 patic) (21:51) increase choise to 3454" Water Weight = 9.7 pg GA AP = 43.05 6 60"F 1925 = 9 ppm (11:15) increase choise to 36/64" Water Weight = 9.7 pg Water Weight = 9.7 pg	2.70 2.90 2.90 2.60 2.70 2.60	0.00 0.00 0.00 0.00 0.00	29 74 101 83 89 84	27 71 52 26 48 34	1263 1160 1341 1297 1275 1229 1190 1196	32 32 34 36 36 36 36 36
Initial Production	5:20:19:11:35 AM 5:20:19:12:00 PM 5:20:19:1:00 PM 5:20:19:2:00 PM 5:20:19:2:00 PM 5:20:19:2:00 PM 5:20:19:5:00 PM 5:20:19:5:00 PM 5:20:19:5:00 PM	### (1136) Of the Production on a 32/64" choice with a WHP of 1 203 pairful (12.5) in crease choice is 34/64" Water Weight = 9.7 pag OF AP = 43.05 g GorF H28 = 0 ppm (1.15) increase choice to 36/64" Water Weight = 9.7 pag OF AP = 44.19 & 60°F (0.35) increase choice to 36/64" Water Weight = 9.7 pag OF AP = 44.19 & 60°F (0.35) increase choice to 36/64" Water weight = 9.7 pag	2.70 2.90 2.90 2.60 2.70 2.60 2.80	0.00 0.00 0.00 0.00	29 74 101 83 89 84 87	27 71 52 26 48 34 30	1263 1160 1341 1297 1275 1229 1190 1156 1101	32 34 36 36 36 36 36 36
Initial Production	52019 11 35 AM 52019 12:00 PM 52019 1:00 PM 52019 2:00 PM 52019 3:00 PM 52019 5:00 PM 52019 5:00 PM 52019 5:00 PM	### (1.126) of \$1 Political Politica	2.70 2.90 2.90 2.60 2.70 2.60	0.00 0.00 0.00 0.00 0.00	29 74 101 83 89 84	27 71 52 26 48 34	1263 1160 1341 1297 1275 1229 1190 1196	32 32 34 36 36 36 36 36
Initial Production	52019 11 35 AM 52019 12:00 PM 52019 1:00 PM 52019 2:00 PM 52019 2:00 PM 52019 4:00 PM 52019 5:00 PM 52019 6:00 PM 52019 7:00 PM	### (1136) Of the Production on a 32/64" choice with a WHP of 1 203 pairful (12.5) in crease choice is 34/64" Water Weight = 9.7 pag OF AP = 43.05 g GorF H28 = 0 ppm (1.15) increase choice to 36/64" Water Weight = 9.7 pag OF AP = 44.19 & 60°F (0.35) increase choice to 36/64" Water Weight = 9.7 pag OF AP = 44.19 & 60°F (0.35) increase choice to 36/64" Water weight = 9.7 pag	2.70 2.90 2.90 2.60 2.70 2.60 2.80 2.70	0.00 0.00 0.00 0.00 0.00 0.00	29 74 101 83 89 84 87	27 71 62 25 48 34 30	1263 1160 1341 1297 1275 1229 1190 1196 1101	32 34 36 36 36 36 36 36 38
Initial Production	5:20:19:11:35 AM 5:20:19:12:00 PM 5:20:19:1:00 PM 5:20:19:2:00 PM 5:20:19:2:00 PM 5:20:19:2:00 PM 5:20:19:5:00 PM 5:20:19:5:00 PM 5:20:19:5:00 PM	### (1.126) of \$1 Political Politica	2.70 2.90 2.90 2.60 2.70 2.60 2.80	0.00 0.00 0.00 0.00 0.00 0.00	29 74 101 83 89 84 87	27 71 52 26 48 34 30	1263 1160 1341 1297 1275 1229 1190 1156 1101	32 34 36 36 36 36 36 36
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM	### (11.36) of \$1 Polity Development of \$1 Polity Development of \$1.26) of \$1.260 of \$	2.70 2.90 2.90 2.80 2.70 2.60 2.80 2.70 2.30	0.00 0.00 0.00 0.00 0.00 0.00 0.00	29 74 101 83 89 84 87 89 76	27 71 52 25 48 34 30 52	1263 1160 1341 1297 1275 1229 1190 1156 1101 1072	32 34 36 36 36 36 36 36 38
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM	### (11-36) of 19 Production on a 32/64" choise with a WHP of 1 233 solid (11-36) of 19 Production on a 32/64" choise with a WHP of 1 233 solid (12-5) increase choise is 3-456" Water Weight = 8.7 ppg GEAP = 43.05 g/60°F H23 = 0 ppm (1:15) Increase choise to 3-8064" Water Weight = 9.7 ppg GEAP = 44.19 d/80°F (8:35) increase choise to 3-864" Water weight = 9.7 ppg GEAP = 45.05 g/60°F H25 = 0 ppm Water weight = 9.7 ppg GEAP = 45.05 g/60°F H25 = 0 ppm	270 290 290 280 270 260 280 270 2,80 2,50 2,50 2,50 2,50	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 89 84 87 89 76 79	27 71 62 25 48 30 52 23 42 37	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 1013	32 34 36 36 36 36 36 36 38 38 38
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM	### (11.36) of \$1 PM pweep (12.35 pwid) (12.55) pweep (12.35 pwid) (12.55) pweep (12.35 pwid) (12.35) pweep (12.35 pwid) (12.35) pweep (12.35 pwid) (12.35) pweep (12	2.70 2.90 2.90 2.80 2.70 2.60 2.80 2.70 2.50 2.50	0.00 0.00 0.00 0.00 0.00 0.00 0.00	29 74 101 83 89 84 87 89 76 79	27 71 52 25 48 34 30 52 23	1263 1160 1341 1297 1275 1229 1190 1156 1101 1072	32 34 36 36 36 36 36 36 36 38
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM	### (11-36) of 19 Production on a 32/64" choise with a WHP of 1 233 solid (11-36) of 19 Production on a 32/64" choise with a WHP of 1 233 solid (12-5) increase choise is 3-456" Water Weight = 8.7 ppg GEAP = 43.05 g/60°F H23 = 0 ppm (1:15) Increase choise to 3-8064" Water Weight = 9.7 ppg GEAP = 44.19 d/80°F (8:35) increase choise to 3-864" Water weight = 9.7 ppg GEAP = 45.05 g/60°F H25 = 0 ppm Water weight = 9.7 ppg GEAP = 45.05 g/60°F H25 = 0 ppm	270 290 290 280 270 260 280 270 2,80 2,50 2,50 2,50 2,50	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 89 84 87 89 76 79	27 71 62 25 48 30 52 23 42 37	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 1013	32 34 36 36 36 36 36 36 38 38 38
Initial Production Initial Produ	52019 11 35 AM 52019 12:00 PM 52019 1:00 PM 52019 2:00 PM 52019 2:00 PM 52019 3:00 PM 52019 5:00 PM 52019 5:00 PM 52019 5:00 PM 52019 7:00 PM 52019 1:00 AM 52119 1:200 AM	### (11.36) of \$1 PM pweep (12.35 pwid) (12.55) pweep (12.35 pwid) (12.55) pweep (12.35 pwid) (12.35) pweep (12.35 pwid) (12.35) pweep (12.35 pwid) (12.35) pweep (12	2.70 2.90 2.90 2.90 2.70 2.90 2.70 2.90 2.70 2.90 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 84 87 89 76 79 79 79	27 71 52 25 48 34 30 52 23 42 37 43 31 40	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1026 1013 994 983 995	32 34 36 36 36 36 36 36 36 36 36 36 36 36 36
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM	### (11.36) of \$1 Polity Development of \$1 Polity Development of \$1.126) or \$1.00 polity Or \$1.265 polity (12.55) polity Development of \$1.255 polity Or AP = 43.05 g/s 60°F (12.55) polity Polity Or AP = 43.05 g/s 60°F (13.55) polity Development of \$1.250 polity Or AP = 44.19 d/s 60°F (63.35) increase choice to 38/64° Water Weight = 9.7 poly Oil AP = 44.19 d/s 60°F (63.35) increase choice to 38/64° Water weight = 9.7 poly Oil AP = 44.50 g/s 60°F H25 = 0 poin Water weight = 9.7 poly Oil AP = 44.65 g/s 60°F H25 = 0 poin	2.70 2.90 2.90 2.90 2.70 2.60 2.80 2.70 2.50 2.50 2.50 2.50 2.50	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 89 84 87 89 76 79 79	27 71 52 25 48 34 30 50 52 23 42 37 43	1263 1160 1341 1297 1275 1299 1190 1196 1101 1072 1095 1026 1013 994 963	32 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36
Initial Production	52019 11 35 AM 52019 12:00 PM 52019 1:00 PM 52019 2:00 PM 52019 2:00 PM 52019 3:00 PM 52019 5:00 PM 52019 5:00 PM 52019 5:00 PM 52019 7:00 PM 52019 1:00 AM 52119 1:200 AM	### (11-36) of 19 Production on a 32/64" choice with a WHP of 1 203 solid) (12-5) increase choice is 32/64" Water Weight = 8.7 ppg (II AP) = 4.3 05 g 60°F H 23 = 0 ppm (1:15) increase choice to 36/64" Water Weight = 8.7 ppg Oil AP = 4.1 10 db 60°F (8:35) increase choice to 38/64" Water weight = 9.7 ppg Oil AP = 4.5 05 g 60°F H 25 = 0 ppm Water weight = 9.7 ppg Oil AP = 4.4 50 db 60°F H 25 = 0 ppm Water weight = 9.7 ppg Oil AP = 4.4 50 db 60°F H 25 = 0 ppm Water weight = 9.7 ppg	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 84 87 89 76 79 79 79	27 71 62 25 48 30 52 23 42 37 43 31 40 36	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 1013 994 983 995 963	32 34 36 36 36 36 36 36 38 38 38 38 38 38 38
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM	### (11.36) of \$1 Polity Development of \$1 Polity Development of \$1.126) or \$1.00 polity Or \$1.265 polity (12.55) polity Development of \$1.255 polity Or AP = 43.05 g/s 60°F (12.55) polity Polity Or AP = 43.05 g/s 60°F (13.55) polity Development of \$1.250 polity Or AP = 44.19 d/s 60°F (63.35) increase choice to 38/64° Water Weight = 9.7 poly Oil AP = 44.19 d/s 60°F (63.35) increase choice to 38/64° Water weight = 9.7 poly Oil AP = 44.50 g/s 60°F H25 = 0 poin Water weight = 9.7 poly Oil AP = 44.65 g/s 60°F H25 = 0 poin	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 89 84 87 89 76 79 79 76 76 74	27 71 62 25 48 34 30 52 23 42 37 43 31 43 31	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1028 1013 894 983 995 953	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	52019 11 35 AM 52019 12:00 PM 52019 1:00 PM 52019 2:00 PM 52019 2:00 PM 52019 3:00 PM 52019 5:00 PM 52019 5:00 PM 52019 5:00 PM 52019 5:00 PM 52019 8:00 PM 52019 1:00 PM 52019 1:00 PM 52019 1:00 PM 52019 1:00 AM 52119 1:00 AM 52119 1:00 AM 52119 1:00 AM	### (11.36) of the Production on a 32/64" choice with a WHYP of 1.263 switch (12.55) increase choice is 3.5464" Water Weight = 8.7 ppg OE AP = 43.05 g GOT ### (11.56) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 44.19 db GOT (13.56) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 44.19 db GOT (6.35) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOT ### (45.56) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOT ### (45.56) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOT ### (45.56) g GOT #### (45.56) g GOT ##### (45.56) g GOT ##### (45.56) g GOT ##### (45.56) g GOT ###### (45.56) g GOT ###################################	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 84 87 89 76 79 79 79	27 71 62 25 48 30 52 23 42 37 43 31 40 36	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 1013 994 983 995 963	32 34 36 36 36 36 36 36 38 38 38 38 38 38 38
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM	### (11-26) of the Production on a 32/64" choice with a WHP of 1 203 parked (12-5) increase choice is 34/64" Water Weight = 8.7 ppg OE AP = 43.05 g 60°F H23 = 0 ppm (1:15) increase choice to 36/64" Water Weight = 9.7 ppg OE AP = 44.19 d 60°F (8:35) increase choice to 36/64" Water weight = 9.7 ppg OE AP = 45.05 g 60°F H25 = 0 ppm Water weight = 9.7 ppg OE AP = 44.66 g 60°F H25 = 0 ppm Water weight = 9.7 ppg OE AP = 44.56 g 60°F H25 = 0 ppm (6:05) increase choice to 36/64" Water weight = 9.7 ppg OE AP = 44.56 g 60°F H25 = 0 ppm (6:05) Decrease choice to 36/64" to maintain (6:05) Decrease choice to 36/	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 89 84 87 89 76 79 79 76 76 74	27 71 62 25 48 34 30 52 23 42 37 43 31 43 31	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1028 1013 894 983 995 953	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 10:00 PM 5/20/19 10:00 PM 5/20/19 11:00 PM 5/21/19 11:00 PM 5/21/19 12:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 3:00 AM	### (11.36) of the Production on a 32/64" choice with a WHYP of 1.263 switch (12.55) increase choice is 3.5464" Water Weight = 8.7 ppg OE AP = 43.05 g GOT ### (11.56) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 44.19 db GOT (13.56) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 44.19 db GOT (6.35) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOT ### (45.56) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOT ### (45.56) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOT ### (45.56) g GOT #### (45.56) g GOT ##### (45.56) g GOT ##### (45.56) g GOT ##### (45.56) g GOT ###### (45.56) g GOT ###################################	2.70 2.90 2.90 2.90 2.70 2.60 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29 74 101 83 89 84 87 76 79 79 79 76 74 70 71	27 71 62 26 48 34 30 52 23 42 23 43 31 40 36 31	1263 1160 1341 1297 1275 1279 1190 1196 1101 1072 1095 1026 1013 994 983 965 963 939 928	52 54 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 6:00 PM 5/20/19 6:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 3:00 AM 5/21/19 3:00 AM 5/21/19 4:00 AM 5/21/19 5:00 AM	### (1.136) of the Production on a 32/64" choice with a WHYP of 1.203 solid) (11.25) for the Production on a 32/64" choice with a WHYP of 1.203 solid) (12.5) for the Production on a 32/64" choice with a WHYP of 1.203 solid) Water Weight = 9.7 ppg Oil API = 44.06 g/g GO*F (8.35) increase choice to 38/64" Water weight = 9.7 ppg Oil API = 44.19 g/g GO*F Water weight = 9.7 ppg Oil API = 44.69 g/g GO*F H2S = 0 ppm Water weight = 9.7 ppg Oil API = 44.69 g/g GO*F H2S = 0 ppm Water weight = 9.7 ppg Oil API = 45.19 g/g GO*F H2S = 0 ppm (8.05) Decrease choice to 38/64" to maintain	2.70 2.90 2.90 2.90 2.90 2.70 2.80 2.70 2.90 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 1001 83 89 84 887 889 76 79 79 76 74 70 71 72 62	27 71 62 25 48 48 30 52 23 23 42 37 43 31 40 36 31	1263 1160 1341 1297 1275 1229 1190 1195 1101 1072 1095 1013 994 983 985 983 989 988 904	52 54 56 56 56 56 56 58 58 58 58 58 58 58 58 58 58 58 58 58
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 5:00 AM 5/21/19 5:00 AM 5/21/19 5:00 AM 5/21/19 6:00 AM	### (11-36) of 19 Potential in a 32/64" choice with a WHP of 1 203 parked (12-5) in crease choice is 34/64" Water Weight = 8.7 ppg OE AP = 4.3 05 g/60"F H23 = 0 ppm (1.15) increase choice to 36/64" Water Weight = 8.7 ppg OE AP = 4.1 96 g/60"F (8.35) increase choice to 36/64" Water weight = 9.7 ppg OE AP = 4.5 6 g/60"F H25 = 0 ppm Water weight = 9.7 ppg OE AP = 4.5 6 g/60"F H25 = 0 ppm Water weight = 9.7 ppg OE AP = 4.5 6 g/60"F H25 = 0 ppm (6.05) Decrease choice to 36/64" to maintain 1.000 parket	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 886 76 79 79 70 71 72 62 73	277 771 62 25 48 34 30 52 23 42 37 43 31 34 40 35 31 34 42 23 28	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 1001 994 983 965 963 939 928 908 904 910	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 6:00 PM 5/20/19 6:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 3:00 AM 5/21/19 3:00 AM 5/21/19 4:00 AM 5/21/19 5:00 AM	### (1.136) of the Production on a 32/64" choise with a WHYP of 1.203 solid) (11.25) for the Production on a 32/64" choise with a WHYP of 1.203 solid) (12.5) for the Production on a 32/64" choise with a WHYP of 1.203 solid) Water Weight = 9.7 ppg Oil API = 44.06 g/g GO*F (8.35) increase choise to 38/64" Water weight = 9.7 ppg Oil API = 44.19 g/g GO*F Water weight = 9.7 ppg Oil API = 44.69 g/g GO*F H2S = 0 ppm Water weight = 9.7 ppg Oil API = 44.69 g/g GO*F H2S = 0 ppm Water weight = 9.7 ppg Oil API = 45.15 g/g GO*F H2S = 0 ppm (8.05) Decrease choise to 38/64" to maintain	2.70 2.90 2.80 2.80 2.70 2.60 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 1001 83 89 84 887 889 76 79 79 76 74 70 71 72 62	27 71 62 25 48 34 30 52 23 42 43 43 31 40 36 31 34 42 23 28 27	1263 1160 1341 1297 1275 1229 1190 1195 1101 1072 1095 1013 994 983 985 983 989 988 904	52 54 56 56 56 56 56 58 58 58 58 58 58 58 58 58 58 58 58 58
Initial Production Initial Produ	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 2:00 AM 5/20/19 5:00 AM	### (1.136) of the Production on a 32/64" choise with a WHYP of 1.203 solid) (11.25) for the Production on a 32/64" choise with a WHYP of 1.203 solid) (12.5) for the Production on a 32/64" choise with a WHYP of 1.203 solid) Water Weight = 9.7 ppg Oil API = 44.06 g/g GO*F (8.35) increase choise to 38/64" Water weight = 9.7 ppg Oil API = 44.19 g/g GO*F Water weight = 9.7 ppg Oil API = 44.69 g/g GO*F H2S = 0 ppm Water weight = 9.7 ppg Oil API = 44.69 g/g GO*F H2S = 0 ppm Water weight = 9.7 ppg Oil API = 45.15 g/g GO*F H2S = 0 ppm (8.05) Decrease choise to 38/64" to maintain	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 79 79 70 71 72 62 73 51 63	277 771 62 25 48 34 30 52 23 42 37 43 31 34 40 35 31 34 42 23 28	1263 1160 1341 1297 1275 1299 1190 1196 1191 1072 1095 1006 1013 994 983 995 953 959 953 959 954 910 903	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production Initial Produ	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5/20 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 5/20 AM	### (1.126) of 19 Population on 32/04" choice with a WHYP of 1.263 switch (1.126) for through on 32/04" choice with a WHYP of 1.263 switch (1.126) for through on 32/04" extra white it is 32/04" Water Weight e 17 ppg OR API = 48.19 @ GOTF (1.15) increase choice to 38/04" Water Weight = 9.7 ppg OR API = 44.19 @ GOTF (8.35) increase choice to 38/04" Water weight = 9.7 ppg OR API = 45.05 @ GOTF H2S = 0 ppm Water weight = 9.7 ppg OR API = 45.05 @ GOTF H2S = 0 ppm Water weight = 9.7 ppg OR API = 45.15 @ GOTF H2S = 0 ppm (6.05) Decrease choice to 36/04" to maintain 1.000 peits with the Weight = 9.7 ppg OR API = 43.57 @ GOTF Water Weight = 9.7 ppg OR API = 43.57 @ GOTF	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 79 79 70 71 72 62 73 613	277 771 622 25 481 394 395 223 423 37 43 391 43 391 43 292 293 293 294 422 293 293 293 293 293 293 293 293 293 2	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 10013 994 983 983 984 983 985 983 928 908 904 910 903 903 801	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production Initial Produ	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 2:00 AM 5/20/19 5:00 AM	### (1.136) of the Production on a 32/64" choice with a WHYP of 1.203 select (1.136) of the Production on a 32/64" choice with a WHYP of 1.203 select (1.215) increase choice is 3.456" Water Weight = 9.7 ppg OE AP = 43.05 g/60"F (1.15) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 45.05 g/60"F (9.35) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 79 79 70 71 72 62 73 51 63	277 771 622 25 461 334 300 522 23 42 37 43 31 34 40 35 31 32 23 23 22 23 23 27 27	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 983 983 983 988 988 998 998 908 908 908	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5/20 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 5/20 AM	### (1.126) of 19 Population on 32/04" choice with a WHYP of 1.263 switch (1.126) for through on 32/04" choice with a WHYP of 1.263 switch (1.126) for through on 32/04" extra white it is 32/04" Water Weight e 17 ppg OR API = 48.19 @ GOTF (1.15) increase choice to 38/04" Water Weight = 9.7 ppg OR API = 44.19 @ GOTF (8.35) increase choice to 38/04" Water weight = 9.7 ppg OR API = 45.05 @ GOTF H2S = 0 ppm Water weight = 9.7 ppg OR API = 45.05 @ GOTF H2S = 0 ppm Water weight = 9.7 ppg OR API = 45.15 @ GOTF H2S = 0 ppm (6.05) Decrease choice to 36/04" to maintain 1.000 peits with the Weight = 9.7 ppg OR API = 43.57 @ GOTF Water Weight = 9.7 ppg OR API = 43.57 @ GOTF	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 79 79 70 71 72 62 73 613	277 771 622 25 481 394 395 223 423 37 43 391 43 391 43 292 293 293 294 422 293 293 293 293 293 293 293 293 293 2	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1006 10013 994 983 983 984 983 985 983 928 908 904 910 903 903 801	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 10:00 PM 5/20/19 10:00 PM 5/21/19 10:00 AM 5/21/19 2:00 AM 5/21/19 5:00 AM	### (1.136) of the Production on a 32/64" choice with a WHYP of 1.203 select (1.136) of the Production on a 32/64" choice with a WHYP of 1.203 select (1.215) increase choice is 3.456" Water Weight = 9.7 ppg OE AP = 43.05 g/60"F (1.15) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 45.05 g/60"F (9.35) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm Water weight = 9.7 ppg OE AP = 45.05 g/60"F (9.25) = 0 perm	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 869 76 79 79 76 77 71 72 62 73 63 63 63	277 771 62 25 468 344 350 52 23 42 37 43 31 40 36 31 34 42 23 28 27 27 27 28	1263 1160 1341 1297 1275 1299 1190 1196 1101 1072 1095 1026 1013 994 983 995 953 909 904 910 903 903 981 881	52 54 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/21/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 5:00 AM 5/21/19 1:00 PM	### (11-50) of the Production on a 32/64" choice with a WHP of 1 203 select (11-50) of the Production on a 32/64" choice with a WHP of 1 203 select (12-55) increase choice is 3-450" Water Weight = 9.7 ppg OE AP = 43.05 g GOTF (11-55) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 44.15 g GOTF (8:35) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOTF (12-55) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOTF (12-55) increase choice to 38/64" to maintain (10-05) Decrease choice to 38/64" to target (10-05) Decrease choice (10-05) Decrease choice to 38/64" to target (10-05) Decre	2.70 2.90 2.90 2.90 2.60 2.70 2.60 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	29-74-101 83-89-84-87-89-79-79-79-79-79-79-79-79-79-79-79-79-79	277 771 622 225 488 334 330 522 23 42 337 43 341 340 346 351 342 223 227 227 227 227 228 237 248 349 349 349 349 349 349 349 349 349 349	1263 1160 1341 1297 1275 1299 1190 1196 1101 1072 1095 1006 1013 994 983 995 953 939 955 953 939 958 904 910 903 903 903 801 808	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5/20 PM 5/20/19 5/20 PM 5/20/19 5/20 PM 5/20/19 5/20 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 2:00 AM 5/20/19 6/20 AM 5/20/19 1/20 DPM 5/20/19 1/20 PM 5/20/19 1/20 PM 5/20/19 1/20 PM 5/20/19 1/20 PM	### (1.126) of 19 Population on 32/64" choice with a WHYP of 12/33 swich (1.126) for production on 32/64" choice with a WHYP of 12/33 swich (1.125) increase choice in 34/64" Water Weight = 8.7 ppg OR API = 44.19 db 60°F (1.15) increase choice to 38/64" Water Weight = 8.7 ppg OB API = 44.19 db 60°F (6.35) increase choice to 38/64" Water weight = 9.7 ppg OB API = 44.19 db 60°F (6.35) increase choice to 38/64" Water weight = 9.7 ppg OB API = 43.05 db 60°F (6.35) increase choice to 38/64" to maintain 1.00 ppm Water weight = 9.7 ppg OB API = 43.15 db 60°F (1.15) Water weight = 9.7 ppg OB API = 43.15 db 60°F (1.15) Water Weight = 9.7 ppg OB API = 43.15	2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 886 76 79 79 76 74 70 71 72 62 73 613 603 605	277 771 622 25 468 334 350 522 23 42 37 43 391 395 391 394 42 23 28 27 27 37 28 381 396 21	1263 1160 1341 1297 1275 1229 1190 1196 1190 1196 1001 1002 1003 994 983 983 983 983 983 988 994 910 903 881 888 884 870 880	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5/20 PM 5/20/19 11:00 PM 5/20/19 11:00 PM 5/20/19 12:00 PM 5/20/19 12:00 AM 5/20/19 5/20 AM	### (11-50) of the Production on a 32/64" choice with a WHP of 1 203 select (11-50) of the Production on a 32/64" choice with a WHP of 1 203 select (12-55) increase choice is 3-450" Water Weight = 9.7 ppg OE AP = 43.05 g GOTF (11-55) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 44.15 g GOTF (8:35) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOTF (12-55) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GOTF (12-55) increase choice to 38/64" to maintain (10-05) Decrease choice to 38/64" to target (10-05) Decrease choice (10-05) Decrease choice to 38/64" to target (10-05) Decre	2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 79 79 79 76 74 70 71 72 62 73 613 615 62 600 500	277 771 622 225 448 334 330 522 337 43 31 34 42 23 28 277 278 381 396 396	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 995 953 939 928 908 904 910 903 903 861 686 884 670	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 AM 5/21/19 1:00 AM 5/21/19 5:00 AM 5/21/19 1:00 PM	### (11-50) of the Production on a 32/64" choice with a WHYP of 1.203 solid) (#1.25) for the Production on a 32/64" choice with a WHYP of 1.203 solid) (#1.25) for the Production on a 32/64" Water Weight = 8.7 ppg (#1.25) for the Production of	2.70 2.90 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 89 84 87 89 76 77 79 76 74 70 71 72 62 73 613 613 615 60 775	277 771 622 625 648 134 130 152 152 152 152 152 152 152 152 152 152	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 995 953 939 928 908 904 910 903 903 861 686 884 670 680 875	52 54 55 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5/20 PM 5/20/19 5/20 PM 5/20/19 5/20 PM 5/20/19 5/20 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 2:00 AM 5/20/19 6/20 AM 5/20/19 1/20 DPM 5/20/19 1/20 PM 5/20/19 1/20 PM 5/20/19 1/20 PM 5/20/19 1/20 PM	### (1126) Of the Production on a 32/64" choice with a WHYP of 1 203 solid) (#126) for the Production on a 32/64" choice with a WHYP of 1 203 solid) (#125) for the Production on a 32/64" choice with a WHYP of 1 203 solid) (#125) for the Production of the Produc	2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 886 76 79 79 76 74 70 71 72 62 73 613 603 605	277 771 622 25 468 334 350 522 23 42 37 43 391 395 391 394 42 23 28 27 27 37 28 381 396 21	1263 1160 1341 1297 1275 1229 1190 1196 1190 1196 1001 1002 1003 994 983 983 983 983 983 988 994 910 903 881 888 884 870 880	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/20/19 2:00 AM 5/20/19 2:00 AM 5/20/19 5:00 AM 5/20/19 1:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM	### (11-50) of the Production on a 32/64" choice with a WHYP of 1.203 solid) (#1.25) for the Production on a 32/64" choice with a WHYP of 1.203 solid) (#1.25) for the Production on a 32/64" Water Weight = 8.7 ppg (#1.25) for the Production of	2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 79 79 76 74 70 71 72 62 73 613 613 615 600 75 54	277 771 622 625 646 334 350 522 623 737 623 625 627 727 327 628 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 525 526 526 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 527 527 528 521 525 526 527 527 528 521 525 526 527 527 528 521 526 527 527 528 521 526 527 527 527 528 521 527 527 528 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 528 527 527 527 527 528 527 527 527 527 527 527 528 527 527 527 527 527 527 527 527 527 527	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 983 983 983 983 983 983 988 988 988	32 34 36 36 36 36 36 36 36 36 36 36 36 36 36
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 AM 5/21/19 1:00 AM 5/21/19 5:00 AM 5/21/19 1:00 PM	### (17.0) of 19 Population on 32/04" choice with a WHYP of 12/03 switch (17.15) increase choice in 34/04" Water Weight e 8.7 ppg OR APP = 44.19 @ 60"F (13.15) increase choice to 38/04" Water Weight = 8.7 ppg OR APP = 44.19 @ 60"F (6.35) increase choice to 38/04" Water weight = 9.7 ppg OR APP = 44.19 @ 60"F (8.35) increase choice to 38/04" Water weight = 9.7 ppg OR APP = 44.50 @ 60"F H2S = 0 ppm Water weight = 9.7 ppg OR APP = 44.50 @ 60"F H2S = 0 ppm Water weight = 9.7 ppg OR APP = 45.15 @ 60"F H2S = 0 ppm (6.05) Decrease choice to 36/04" to maintain 1.000 pelici Water Weight = 9.7 ppg OR APP = 43.75 @ 60"F H2S = 0 ppm (6.05) Decrease choice to 36/04" to maintain 1.000 pelici Water Weight = 9.7 ppg OR APP = 43.87 @ 60"F H2S = 0 ppm (3.05) Decrease choice to 36/04" to target Production rate of 30/04" Water Weight = 9.7 ppg OR APP = 43.87 @ 60"F H2S = 0 ppm (3.05) Decrease choice to 34/04" to target Production rate of 30/04" Water Weight = 9.7 ppg OR APP = 43.87 water to target Production rate of 30/04" water to target Production rate of 30/04" to target Production rate of 30/04" water to see the per to target Production rate of 30/04" water to see the per to see the p	2.70 2.90 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 89 84 87 89 76 77 79 76 74 70 71 72 62 73 613 613 615 60 775	277 771 622 625 648 134 130 152 152 152 152 152 152 152 152 152 152	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 995 953 939 928 908 904 910 903 903 861 686 884 670 680 875	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 3:00 AM 5/21/19 5:00 PM 5/21/19 1:00 PM 5/21/19 2:00 PM 5/21/19 3:00 PM 5/21/19 3:00 PM 5/21/19 3:00 PM	### (11-20) Ot 19 Production on a 32/64" choise with a WHYP of 1 2/33 switch (11-20) of 19 Production on a 32/64" choise with a WHYP of 1 2/33 switch (12-5) increase choise is 3-5/64" Water Weight = 8.7 ppg OE AP = 43.05 g GoTF (13-5) increase choise to 38/64" Water Weight = 9.7 ppg OE AP = 44.19 db GoTF (8:35) increase choise to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GoTF H2S = 0 ppm Water weight = 9.7 ppg OE AP = 45.05 g GoTF H2S = 0 ppm Water weight = 9.7 ppg OE AP = 45.05 g GoTF H2S = 0 ppm (6:05) Decrease choise to 38/64" to maintain 1.00 psi(0) Water Weight = 9.7 ppg OE AP = 43.57 db GOTF H2S = 0 ppm (6:05) Decrease choise to 38/64" to maintain 1.00 psi(0) Water Weight = 9.7 ppg OE AP = 43.57 db GOTF H2S = 0 ppm (6:05) Decrease choise to 38/64" to maintain 1.00 psi(0) Ppd = 43.75 db GOTF H2S = 0 ppm (6:05) Ppd = 43.75 db GOTF H2S = 0 ppm (2.70 2.90 2.80 2.80 2.70 2.80 2.80 2.70 2.80 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 1010 83 889 844 87 889 76 779 779 770 771 772 62 73 651 653 652 660 775 544 773	277 771 602 265 448 344 340 502 223 423 31 344 42 223 226 227 227 237 238 31 309 241	1263 1160 1341 1297 1275 1299 1190 1196 1190 1196 1001 10072 1095 1026 1013 994 963 963 965 963 969 964 970 963 963 968 974 961 963 968 974 960 875	52 52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	52019 11 35 AM 52019 12 00 PM 52019 12 00 PM 52019 200 PM 52019 200 PM 52019 200 PM 52019 500 PM 52019 100 PM 52019 100 PM 52019 100 PM 52019 100 AM 52119 1200 AM 52119 1200 AM 52119 500 AM	### (17.0) of 19 Population on 32/04" choice with a WHYP of 12/03 switch (17.15) increase choice in 34/04" Water Weight e 8.7 ppg OR APP = 44.19 @ 60"F (13.15) increase choice to 38/04" Water Weight = 8.7 ppg OR APP = 44.19 @ 60"F (6.35) increase choice to 38/04" Water weight = 9.7 ppg OR APP = 44.19 @ 60"F (8.35) increase choice to 38/04" Water weight = 9.7 ppg OR APP = 44.50 @ 60"F H2S = 0 ppm Water weight = 9.7 ppg OR APP = 44.50 @ 60"F H2S = 0 ppm Water weight = 9.7 ppg OR APP = 45.15 @ 60"F H2S = 0 ppm (6.05) Decrease choice to 36/04" to maintain 1.000 pelici Water Weight = 9.7 ppg OR APP = 43.75 @ 60"F H2S = 0 ppm (6.05) Decrease choice to 36/04" to maintain 1.000 pelici Water Weight = 9.7 ppg OR APP = 43.87 @ 60"F H2S = 0 ppm (3.05) Decrease choice to 36/04" to target Production rate of 30/04" Water Weight = 9.7 ppg OR APP = 43.87 @ 60"F H2S = 0 ppm (3.05) Decrease choice to 34/04" to target Production rate of 30/04" Water Weight = 9.7 ppg OR APP = 43.87 water to target Production rate of 30/04" water to target Production rate of 30/04" to target Production rate of 30/04" water to see the per to target Production rate of 30/04" water to see the per to see the p	2.70 2.90 2.90 2.90 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 88 844 87 86 76 79 79 76 74 70 71 72 62 73 61 62 60 75 54 70 60 60 60	277 771 602 225 448 334 350 502 237 43 391 43 391 242 23 28 27 27 37 28 311 305 201 306 307 307 308 309 604 77 73 603	1263 1160 1341 1297 1275 1299 1190 1196 1101 1072 1095 1008 1001 984 983 965 963 904 910 903 961 903 961 903 961 686 884 870 860 875 1451 1283 1365	52 54 56 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 2:00 AM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 5:00 PM 5/20/19 6:00 PM 5/20/19 6:00 PM	### (11.26) Of 19 Port 19 Politics ### (11.26) Of 19 Portuction on a 32/64" choice with a WHYP of 1.263 switch ### (12.5) Increase choice to 34/64" Water Weight = 8.7 ppg	2.70 2.90 2.80 2.80 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 869 76 779 78 770 77 77 62 63 655 652 600 775 544 773 601 774	277 771 602 265 448 344 350 502 223 442 37 43 311 344 42 23 28 27 27 37 28 31 30 21 35 36 37 39 64 77 39 65 51	1263 1160 1341 1297 1275 1299 1190 1196 1190 1196 1006 1006 1001 1072 1096 1008 903 909 908 904 903 903 903 903 903 903 903 904 1000 903 904 1000 903 904 1000 905 1000 905 1000 906 908 908 908 908 908 908 908 908 908 908	50 50 50 50 50 50 50 50 50 50 50 50 50 5
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 3:00 PM 5/21/19 1:00 AM 5/21/19 3:00 PM 5/21/19 1:00 AM 5/21/19 1:00 PM 5/21/19 3:00 PM 5/21/19 3:00 PM 5/21/19 5:00 PM 5/21/19 5:00 PM 5/21/19 5:00 PM 5/21/19 5:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM	### (11-20) Ot 19 Production on a 32/64" choise with a WHYP of 1 2/33 switch (11-20) of 19 Production on a 32/64" choise with a WHYP of 1 2/33 switch (12-5) increase choise is 3-5/64" Water Weight = 8.7 ppg OE AP = 43.05 g GoTF (13-5) increase choise to 38/64" Water Weight = 9.7 ppg OE AP = 44.19 db GoTF (8:35) increase choise to 38/64" Water weight = 9.7 ppg OE AP = 45.05 g GoTF H2S = 0 ppm Water weight = 9.7 ppg OE AP = 45.05 g GoTF H2S = 0 ppm Water weight = 9.7 ppg OE AP = 45.05 g GoTF H2S = 0 ppm (6:05) Decrease choise to 38/64" to maintain 1.00 psi(0) Water Weight = 9.7 ppg OE AP = 43.57 db GOTF H2S = 0 ppm (6:05) Decrease choise to 38/64" to maintain 1.00 psi(0) Water Weight = 9.7 ppg OE AP = 43.57 db GOTF H2S = 0 ppm (6:05) Decrease choise to 38/64" to maintain 1.00 psi(0) Ppd = 43.75 db GOTF H2S = 0 ppm (6:05) Ppd = 43.75 db GOTF H2S = 0 ppm (2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 1001 833 889 844 877 889 76 76 77 77 77 72 62 73 63 63 63 65 75 64 70 77 74 70 77 71 72 62 73 63 64 65 66 77 78 74 70 78 78 78 78 78 78 78 78 78 78 78 78 78	277 771 622 245 446 344 350 522 237 43 311 346 347 277 377 288 311 350 211 355 350 644 773 653 551 552	1263 1160 1341 1297 1275 1299 1190 1196 1190 1196 1006 10013 994 983 995 903 995 903 904 910 903 903 901 903 903 801 808 808 904 910 903 905 905 907 807 900 875 1451 1283 1395 1280 1500	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 3:00 AM 5/21/19 5:00 AM 5/21/19 5:00 AM 5/21/19 5:00 AM 5/21/19 1:00 PM 5/21/19 5:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM	### (1126) Of \$1 PO JONE ### (1126) Of \$1 PO POLICITION on \$230-6" choice with a WHYP of \$1.253 solicity ### (1255) Internate choice to \$3.454" Water Weight = \$7.7592 ### (1250 - 9.7595 ###	2.70 2.90 2.80 2.80 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.70 2.70 2.70 2.70 2.70 2.70 2.70 2.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 869 76 779 78 770 77 72 62 73 511 635 652 600 775 54 773 601 774	277 771 602 265 448 344 350 502 223 442 37 43 311 344 42 23 28 27 27 37 28 31 30 21 35 36 37 39 64 77 39 65 51	1263 1160 1341 1297 1275 1299 1190 1196 1190 1196 1006 1006 1001 1072 1096 1008 903 909 908 904 903 903 903 903 903 903 903 904 1000 903 904 1000 903 904 1000 905 1000 905 1000 906 908 908 908 908 908 908 908 908 908 908	50 50 50 50 50 50 50 50 50 50 50 50 50 5
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 3:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 5:00 PM 5/20/19 1:00 PM 5/20/19 1:00 PM 5/20/19 1:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 2:00 AM 5/21/19 3:00 PM 5/21/19 1:00 AM 5/21/19 3:00 PM 5/21/19 1:00 AM 5/21/19 1:00 PM 5/21/19 3:00 PM 5/21/19 3:00 PM 5/21/19 5:00 PM 5/21/19 5:00 PM 5/21/19 5:00 PM 5/21/19 5:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM	### (11.26) Of 19 Port 19 Politics ### (11.26) Of 19 Portuction on a 32/64" choice with a WHYP of 1.263 switch ### (12.5) Increase choice to 34/64" Water Weight = 8.7 ppg	2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.80 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 1001 833 889 844 877 889 76 76 77 77 77 72 62 73 63 63 63 65 75 64 70 77 74 70 77 71 72 62 73 63 64 65 66 77 78 74 70 78 78 78 78 78 78 78 78 78 78 78 78 78	277 771 622 245 446 344 350 522 237 43 311 346 347 277 377 288 311 350 211 355 350 644 773 653 551 552	1263 1160 1341 1297 1275 1299 1190 1196 1190 1196 1006 10013 994 983 995 903 995 903 904 910 903 903 901 903 903 801 808 808 904 910 903 905 905 907 807 900 875 1451 1283 1395 1280 1500	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 AM 5/21/19 1:00 AM 5/21/19 1:00 AM 5/21/19 5:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM 5/21/19 1:00 PM 5/21/19 1:00 PM	### (11-50) of the Production on a 32/64" choice with a WHP of 1 203 select (11-50) of the Production on a 32/64" choice with a WHP of 1 203 select (12-55) increase choice is 3-450" Water Weight = 9.7 ppg OE AP = 43.05 g/60"F (11-55) increase choice to 38/64" Water Weight = 9.7 ppg OE AP = 45.06 g/60"F (12-55) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.06 g/60"F (12-55) increase choice to 38/64" Water weight = 9.7 ppg OE AP = 45.06 g/60"F (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice to 38/64" to maintain 1.00 period (12-55) increase choice (12-55) increase (12-55) increase choice (12-55) increase	2.70 2.90 2.80 2.80 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 76 77 77 76 77 77 72 62 73 51 63 63 60 75 60 63 74 80 63 64 86 86 87 86 86 86 87 86 86 86 86 87 86 86 86 86 86 86 86 86 86 86 86 86 86	27 71 62 25 48 48 30 52 23 42 37 43 31 34 42 23 28 27 27 37 38 31 30 28 27 27 37 38 31 36 31 36 31 36 37 38 38 39 30 30 30 30 30 30 30 30 30 30 30 30 30	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 995 953 908 904 910 903 961 903 961 666 884 870 860 875 1451 1283 1366 1325 1250 1360 1429	52 54 55 56 56 56 56 56 56 56 56 56 56 56 56
Initial Production Initial Produ	52019 11 35 AM 52019 12 00 PM 52019 1200 PM 52019 1200 PM 52019 2200 PM 52019 3200 PM 52019 5200 PM 52019 1000 PM 52019 1100 PM 52019 1100 PM 52119 1200 AM 52119 1200 AM 52119 520 PM	### (1126) Of \$1 PO JONE ### (1276) OF JONE #### (1276) OF JONE #### (1276) OF JONE ### (1276) OF JONE #### (1276) OF JONE ##### (1276) OF JONE ##### (1276) OF JONE ##### (1276) OF JONE ##### (1276) OF JONE ###### (1276) OF JONE ####################################	2.70 2.80 2.80 2.80 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	299 744 101 83 889 844 87 869 76 79 79 76 71 72 62 73 51 63 63 65 60 75 54 70 60 82 81 82	277 771 602 246 344 340 350 502 203 403 301 403 305 301 304 402 208 207 207 208 301 305 201 305 306 407 703 501 502 409 407 508	1263 1160 1341 1297 1275 1299 1190 1196 1101 1072 1095 1026 1013 994 983 983 983 984 983 985 988 984 910 903 903 903 903 903 901 1086 884 870 900 875 1451 1283 1365 1325 1250 1560 1429 1471 1488	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Initial Production	5/20/19 11:35 AM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 12:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 2:00 PM 5/20/19 5:00 AM 5/21/19 1:00 AM 5/21/19 1:00 AM 5/21/19 5:00 PM 5/21/19 6:00 PM 5/21/19 6:00 PM 5/21/19 1:00 PM 5/21/19 1:00 PM	### (1126) Of \$1 PO JONE ### (1276) OF JONE #### (1276) OF JONE #### (1276) OF JONE ### (1276) OF JONE #### (1276) OF JONE ##### (1276) OF JONE ##### (1276) OF JONE ##### (1276) OF JONE ##### (1276) OF JONE ###### (1276) OF JONE ####################################	2.70 2.90 2.80 2.80 2.70 2.80 2.70 2.80 2.70 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	299 744 101 83 889 844 87 889 76 76 77 77 76 77 77 72 62 73 51 63 63 60 75 60 63 74 80 63 64 86 86 87 86 86 86 87 86 86 86 86 87 86 86 86 86 86 86 86 86 86 86 86 86 86	27 71 62 25 48 48 30 52 23 42 37 43 31 34 42 23 28 27 27 37 38 31 30 28 27 27 37 38 31 36 31 36 31 36 37 38 38 39 30 30 30 30 30 30 30 30 30 30 30 30 30	1263 1160 1341 1297 1275 1229 1190 1196 1101 1072 1095 1008 10013 994 983 995 953 908 904 910 903 961 903 961 666 884 870 860 875 1451 1283 1366 1325 1250 1360 1429	52 54 55 56 56 56 56 56 56 56 56 56 56 56 56

		Water Weight = 9.7 pag						
Initial Production	5/22/19 4:00 AM	QLAP1 = 44.55 @ 60°F	3.00	0.00	91	44	1509	34
Initial Production	5/22/19/5:00 AM 5/22/15/0:00 AM		3.00	0.00	93 87	33	1500	34
Initial Production Initial Production	5/22/19 7:00 AM	(7:00) increase choic to 36/64"	3.00	0.00	92	81	1486	36
		(9:00) increase shokek to 36/64" Water					100	
Initial Production	5/22/19 8:00 AM	Weight = 9.7 ppg CE API = 44.35 db 60°F	3.20	0.00	96	47	1447	36
Initial Production	5/22/19/9/00 AM		3.60	0.00	103	49	1419	36
Initial Production Initial Production	5/22/19 10:00 AM 5/22/19 11:00 AM	(10:00) Increase choke to 40/64"	3.60	0.00	106	54 42	1413	38 40
		Water Weight = 9.7 ppg						
Initial Production	5/22/19 12:00 PM	OI API = 40.48 @ 60°F HOS = 0 zern	3.70	0.00	101	73	1972	40
Initial Production	52215 1 00 PM	700 = 0 tem	3.60	0.00	109	70	1367	40
Initial Production	5/22/15/2:00 PM		3.50	0.00	107	76	1349	40
Initial Production	502/19 3:00 PM	Water Weight = 9.7 ppg Oil	3.60	0.00	107	63	1341	40
Initial Production	52219 4:00 PM	API = 43.67 @ 60°F	3.80	0.00	104	35	1339	40
Initial Production Initial Production	5/23/19 6:00 PM 5/23/19 6:00 PM		3.50	0.00	103	44	1336	40
Initial Production	5/20/19 7:00 PM		3.40	0.00	106	51	1305	40
		(6 10) increased choic to a 42/64"						
Initial Production	5/22/18 6:00 PM	Water Weight = 9:6 spg CR API = 43.55 @ 60"F	3.40	0.00	100	47	1300	40
Initial Production	532/18 9:00 PM		3.60	0.00	100	54	1272	4
Initial Production	5/22/19 10:00 PM		3.60	0.00	109	51	1209	42
Initial Production	5/22/19 11:00 PM	Surren Court	3.00	0.00	102	57	1265	42
Initial Production	5/23/19 12:00 AM	Water Weight = 9:8 ppg OR API = 44 10 @ 80"F	3.10	0.00	102	62	1299	42
		105 = 0 pers						
Initial Production	5/23/15 1:00 AM 5/23/19 2:00 AM		3.70	0.00	100	41	1246	42
Initial Production Initial Production	5/23/19 2:00 AM		3.50	0.00	96	47	1209	42
Initial Production	5/23/19 4:00 AM	Water Weight = 9:6 ppg	3.50	0.00	91	57	1229	42
Initial Production	5/23/18 5:00 AM	CH API = 43.66 @ 60"F	3:30	0.00	100	51	1226	42
Initial Production	5/25/19 6:00 AM		3.50	0.00	100	48	1206	42
Initial Production	523/19 7:00 AM	Water Weight = 9.7 ppg Oil	3.50	0.00	101	44	1206	42
Initial Production	5/23/19 E/00 AM	Water Weight = 9.7 spg Oil API = 43.09 db 60°F	3.80	0.00	85	46	1205	42
Initial Production	5/23/19 9:00 AM		3.80	0.00	100	57	1171	42
Initial Production Initial Production	5/23/19 10:00 AM 5/23/19 11:00 AM	Control of the Contro	3.80	0.00	101 71	36	1190	42
		(12:00) Decrease choice to 40/64" Water		200		1		
Initial Production	5/23/19 12:00 PM	Weight = 9.7 ppg CR AP1 = 43.53 @ 60°F H25 = 0	3.60	0.00	94	61	1196	42
		apieti.					32	
Initial Production Initial Production	5/23/19 1:00 PM 5/23/19 2:00 PM	(2:00) Decrease phote to 38/64"	3.50 3.40	0.00	87	54 72	1194	40
Initial Production	5/23/19 3:00 PM	(230) Decrease chose to sour-	3.50	0.00	90	36	1177	38
	******	(4:00) Decrease choke to 36/64" Water						-
Initial Production	5/23/19 4:00 PM	Weight = 9.7 gag Oil API = 43.24 db 60°F	3.40	0.00	55	41	1232	36
Initial Production	5/23/19 5:00 PM		3.40	0.00	63	38	1248	36
Initial Production Initial Production	5/23/19 6:00 PM 5/23/19 7:00 PM	(8.00) Decreased choke to 34/54"	2.90 2.50	0.00	65	36 24	1194 1196	36 34
		(6.00) Decreased choke to 33/64"			797			200
Initial Production	5:23/19 8:00 PM	Water Weight = 9.7 apg OII API = 43.87 db 60°F	2.40	0.00	- 68	36	1214	34
Section Development	5/29/19 0:00 PM		240	0.00	57		1202	35
Initial Production	8/23/19 9:00 PM		2.40	0.00	57	35	1222	32
Initial Production Well Shut in	5/23/19 6/30 PM 5/23/19 6/36 PM	SWP 1255 page	2.40	0.00	57	35	1222	22
Well Shut in	5-23-19 8:50 PM	SWP CM page	2.40	0.00	57	35		22
			2.40	0.00	57	25		32
Well Shucin NPT	5-23-19 8:50 PM	SWAM: 1036 peopl (8.00) Well shut in due to high high level switch on 3 phase vessel at production (8.57) Open well to flow on a 3036" shake	2.40	0.00	57	35		32
Well Shut in	5-23-19 8-56 PM 6-23-19 9-54 PM	Septe 1035 peopl (8:00) Year shut in due to high high level switch on 3 physic vessel at production	2.40	000	57	25	1225	
Well Shucin NPT	5-23-19 8-56 PM 6-23-19 9-54 PM	SWAM: 1036 peopl (8.00) Well shut in due to high high level switch on 3 phase vessel at production (8.57) Open well to flow on a 3036" shake	2.40	0.00	57	35	1225	
Nell Shut es NPT Instal Production Instal Production	52319 500 PM 52319 504 PM 52319 507 PM 52319 12:00 PM	SWAM: 1036 peopl (8.00) Well shut in due to high high level switch on 3 phase vessel at production (8.57) Open well to flow on a 3036" shake	240	0.00	21	0	1287	32
Well Shut in NPT Initial Production	52319 856 PM 52319 854 PM 52319 857 PM	SWAP IONS people (9:03) West about in due to high high level switch on 3 phase vessel at production (9:57) Open well to flour on a 30/64" shoke with an WHP of 1287 pet(s)					1225	32
Well Shut es NPT Initial Production Initial Production Initial Production	52519 556 PM 52319 554 PM 52319 527 PM 52319 1200 PM 52319 11:00 PM	5995-10% away (9:00) Well shall in due to high high level switch on 3 phase weeks of production (9:57) Open well to flour on a 3056" shake with an WHP of 1287 set(s) Water Weight + 9.7 pag O4	240	0.00	21	0 28	1287 1215 1215 1243	32 32
Neil Shut es NPT Initial Production Initial Production Initial Production Initial Production	52519 556 PM 52319 554 PM 52319 857 PM 52319 1000 PM 52319 1100 PM 52419 1200 AM	SWAP IONS people (9:03) West about in due to high high level switch on 3 phase vessel at production (9:57) Open well to flour on a 30/64" shoke with an WHP of 1287 pet(s)	2.40 2.00 2.30	0.00	21 9 57	0 28 67	1287 1287 1216 1283 1297	22 22 22
Net Shut et NPT Initial Production	5/25/19 8/56 PM 5/25/19 8/57 PM 5/25/19 10:00 PM 5/25/19 10:00 PM 5/25/19 10:00 PM 5/25/19 10:00 AM	SWAP 1076 peopl (8:03) Well shot in due to high Nigh level switch on 3 phase vessel at production (8:57) Open well to flour on a 30/64" shoke with an WHP of 1287 set(a) Water Weight = 8.7 pag AF = 43.22(6:07) (9:57) (9:58)	240	0.00	21 9 67	0 26 87 28	1287 1287 1218 1243 1217 1218	32 32
Neil Shut es NPT Initial Production Initial Production Initial Production Initial Production	52519 556 PM 52319 554 PM 52319 857 PM 52319 1000 PM 52319 1100 PM 52419 1200 AM	SWIP 1076 peopl (9:03) Well afted in due to high high level switch on 3 phase vessel all production (9:57) Open well to flow on a 30/64" shoke with an WHP of 1287 peopl with an WHP of 1287 peopl Water Weight = 9.7 pop API = 43.22(9:60°F 0 pcm	2.40 2.00 2.30	0.00	21 9 57	0 28 67	1287 1287 1216 1283 1297	22 22 22
Net Shut et NPT Initial Production	5/25/19 8/56 PM 5/25/19 8/57 PM 5/25/19 10:00 PM 5/25/19 10:00 PM 5/25/19 10:00 PM 5/25/19 10:00 AM	SWP- CSE away: (8:00) Well shad in due to high high level switch on 3 phase yeared at production (8:57) Open well to flour on a 30/65' choice with an WHP of 1207 pack) Water-Weight = 9.7 pbg OR API = 43.22(§ 60°P HQS = 0 pcg = 1300 pack) SWP- 1300 pack (1:30) Well shut in due to high high level	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1287 1287 1218 1243 1217 1218	22 22 22
Well Shut is NPT Initial Production INITI	5/25/19 8/56 PM 5/25/19 8/57 PM 5/25/19 10/00 AM 5/25/19 10/00 AM 5/25/19 10/00 AM	SWIP 1076 peopl (9:03) Well afted in due to high high level switch on 3 phase vessel all production (9:57) Open well to flow on a 30/64" shoke with an WHP of 1287 peopl with an WHP of 1287 peopl Water Weight = 9.7 pop API = 43.22(9:60°F 0 pcm	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1287 1287 1215 1243 1217 1218 1383 1418	22 22 22
Well Shut es NPT Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Well Shut es	5/25/19 8/56 PM 6/25/19 8/57 PM 5/25/19 10/00 PM	SWP- CSE away: (8:00) Well shad in due to high high level switch on 3 phase yeared at production (8:57) Open well to flour on a 30/65' choice with an WHP of 1207 pack) Water-Weight = 9.7 pbg OR API = 43.22(§ 60°P HQS = 0 pcg = 1300 pack) SWP- 1300 pack (1:30) Well shut in due to high high level	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1287 1287 1215 1243 1217 1216 1383 1418 1555 1418	22 22 22
Mell Drut et NET Initial Production Initial Prod	52519 856 PM 52519 854 PM 52519 1500 PM 52519 1500 PM 52519 1500 AM 52419 1200 AM 52419 130 AM 52419 130 AM 52419 130 AM 52419 230 AM 52419 230 AM	SWP- CSE away: (8:00) Well shad in due to high high level switch on 3 phase yeared at production (8:57) Open well to flour on a 30/65' choice with an WHP of 1207 pack) Water-Weight = 9.7 pbg OR API = 43.22(§ 60°P HQS = 0 pcg = 1300 pack) SWP- 1300 pack (1:30) Well shut in due to high high level	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1225 1225 1225 1225 1227 1224 1227 1228 1227 1418 1220 1418 1421	22 22 22
Well Shut et NPT Initial Production Initial Production Initial Production Initial Production Initial Production Well Shut in RPT REPT NPT NPT	\$2519 856 PM 52319 854 PM 52319 1000 PM 52319 1100 PM 52419 1200 AM 52419 1200 AM 52419 130 AM 52419 130 AM 52419 130 AM	SWP- CSE away: (8:00) Well shad in due to high high level switch on 3 phase yeared at production (8:57) Open well to flour on a 30/65' choice with an WHP of 1207 pack) Water-Weight = 9.7 pbg OR API = 43.22(§ 60°P HQS = 0 pcg = 1300 pack) SWP- 1300 pack (1:30) Well shut in due to high high level	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1287 1287 1215 1243 1217 1218 1389 1418 1553 1418 1621 1631	22 22 22
Mell Drut et NET Initial Production Initial Prod	\$2519 856 PM 52519 854 PM 52519 857 PM 52519 1000 PM 52519 1000 PM 52519 1200 AM 52519 1200 AM 52519 120 AM	SWP- CSE away: (8:00) Well shad in due to high high level switch on 3 phase yeared at production (8:57) Open well to flour on a 30/65' choice with an WHP of 1207 pack) Water-Weight = 9.7 pbg OR API = 43.22(§ 60°P HQS = 0 pcg = 1300 pack) SWP- 1300 pack (1:30) Well shut in due to high high level	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1287 1215 1215 1217 1218 1287 1418 1418 1418 1421 1441 1441 1441 1441	22 22 22
Nell Blut in NPT Initial Production INITIAL PROPERTY INIT	\$25/19 856 PM 525/19 856 PM 525/19 857 PM 525/19 10:00 PM 525/19 10:00 PM 524/19 10:00 PM 524/19 10:00 AM	SWAP CASE away (\$103) West short in dise to high high level switch on 3 phase vessel at production (\$157) Open well to flow on a 3054" choice with an WHP of 1207 pace) Water Weight = \$7.509 KG = 43.208 (57) G pecm SWAP 1303 away [1.30] West shurt in dise to high high level switch in 3 phase vessel at production	2.40 2.00 2.30	0.00	21 9 67	0 26 87 28	1287 1287 1215 1225 1217 1218 1203 1418 1303 1418 1421 1621 1621 1621 1621 1621 1621 1621	52 52 52 52 52 52 52 52
Nell Drut et NPT Initial Production Nell Drut in NPT NPT NPT NPT NPT NPT NPT NPT NPT	52519 856 PM 52519 854 PM 52519 857 PM 62519 1000 PM 52519 1000 PM 52519 1000 AM 52519 1200 AM 52519 130 AM	SWP- CSE away: (8:00) Well shad in due to high high level switch on 3 phase yeared at production (8:57) Open well to flour on a 30/65' choice with an WHP of 1207 pack) Water-Weight = 9.7 pbg OR API = 43.22(§ 60°P HQS = 0 pcg = 1300 pack) SWP- 1300 pack (1:30) Well shut in due to high high level	2.40 2.00 2.30	0.00 0.00 0.00 0.00	21 9 67	0 26 87 28	1225 1225 1225 1225 1227 1224 1227 1228 1227 1418 1221 1421 1421 1421 1421 1421 1421	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Nell Drut et NPT Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Well Chart et NPT APT APT NPT NPT NPT NPT NPT Initial Production Initial Production	52519 856 PM 52319 854 PM 52319 857 PM 52319 1000 PM 52319 1000 PM 52419 1200 AM 52419 1200 AM 52419 1200 AM 52419 120 AM	SWE- CSE away (8:53) West should be due to high high level switch on 3 phase yeared at production (8:57) Open well to flow on a 30/65' choice with an WHP of 1287 pack) Water Weight = 9.7 gag OH APs = 43.20@ 60°F HQS = 0 per Novel SWE-1300 pack) (1:30) West shut in due to high high level switch on 3 phase yeared at production (8:15) Open Well to flow on a 32/65' choice	2.40 2.00 2.30 2.30	0.00 0.00 0.00 0.00	21 9 97 65 97	0 28 87 28 28	1287 1215 1215 1217 1218 1287 1418 1350 1418 1601 1601 1601 1601 1601 1601 1601 16	22 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25
Neel Shut et NPT Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Well Shut et NPT NPT NPT NPT NPT NPT NPT NP	5.25/19 8:56 PM 5.25/19 8:57 PM 5.25/19 9:57 PM 5.25/19 10:00 AM 5.25/19 8:15 AM 5.25/19 8:15 AM 5.25/19 8:10 AM	SWE- CSE away (8:53) West should be due to high high level switch on 3 phase yeared at production (8:57) Open well to flow on a 30/65' choice with an WHP of 1287 pack) Water Weight = 9.7 gag OH APs = 43.20@ 60°F HQS = 0 per Novel SWE-1300 pack) (1:30) West shut in due to high high level switch on 3 phase yeared at production (8:15) Open Well to flow on a 32/65' choice	2.40 2.00 2.30 2.30 2.30	0.00 0.00 0.00 0.00	21 9 57 65 87	0 28 87 28 28	1287 1215 1215 1217 1218 1217 1218 1227 1418 1421 1421 1421 1421 1421 1421 1421	20 E2
Intel Production Initial Production	52519 856 PM 52519 857 PM 52519 857 PM 52519 1000 PM 52519 1000 PM 52519 1000 AM 52519 1000 AM 52519 100 AM	SWAP CAS away (8:03) Wolf short in dise to high high level switch on 3 phases weeked at production (8:57) Open well to flow on a 30/64" choice with an WHP of 1207 select) Water Weight = 9.7 seg Afts = 43.22(6:57) SWAP 1350 away (1:30) Well short in the so high high level switch on 3 phases vessel at production (8:15) Open Well to flow on a 30/64" shoke with a WHP of 1463 select	2.40 2.00 2.30 2.30 2.30 2.30	0.00 0.00 0.00 0.00 0.00	21 9 57 65 57 77 77 77 77 77 77 77 77 77 77 77 77	0 28 57 28 28 28	1225 1225 1225 1225 1227 1226 1227 1228 1227 1418 1221 1421 1421 1433 1433 1433 1226 1226 1227	52 51 52 52 52 52 52 52 52 52 52 52 52 52 52
Neel Shut et NPT Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Well Shut et NPT NPT NPT NPT NPT NPT NPT NP	5.25/19 8:56 PM 5.25/19 8:57 PM 5.25/19 9:57 PM 5.25/19 10:00 AM 5.25/19 8:15 AM 5.25/19 8:15 AM 5.25/19 8:10 AM	SWE- C36 away (8:53) Well shall in due to high high level switch on 3 phase yeared of production (8:57) Open well to flour on a 33/65° choice with an WHP of 1287 patch) Water Weight = 9.7 pag OH API = 43.22@ 60°F HQS = 0 per SWE-1300 pagg (1:30) Well shall in due to high high level switch on 3 phase yeared at production (8:15) Open Well to flow on a 33/65° choice with a WHP of 1463 octo) Water Weight = 9.7 pag OH API = 43.55 @ 60°F	2.40 2.00 2.30 2.30 2.30	0.00 0.00 0.00 0.00	21 9 57 65 87	0 28 87 28 28	1287 1215 1215 1217 1218 1217 1218 1227 1418 1421 1421 1421 1421 1421 1421 1421	20 E2
Initial Production Well Shat in INPT INPT INPT INPT INPT INITIALITY INITI	\$25/19 856 PM 523/19 854 PM 523/19 1000 PM 523/19 1000 PM 524/19 1200 AM 524/19 1200 AM 524/19 1200 AM 524/19 130 AM	SWAP CAS away (8:03) Wolf short in dise to high high level switch on 3 phases weeked at production (8:57) Open well to flow on a 30/64" choice with an WHP of 1207 select) Water Weight = 9.7 seg Afts = 43.22(6:57) SWAP 1350 away (1:30) Well short in the so high high level switch on 3 phases vessel at production (8:15) Open Well to flow on a 30/64" shoke with a WHP of 1463 select	2.40 2.00 2.30 2.30 2.30 2.30 2.30 2.30	0.00 0.00 0.00 0.00 0.00 0.00 0.00	21 9 57 65 97 24 73 7 7	0 28 57 28 28 0 35 47 38	1287 1215 1215 1217 1218 1389 1418 1380 1418 1521 1601 1604 1601 1604 1601 1206 1206 1207 1207 1279	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Intel Drucketon Instal Production	\$2519 856 PM \$2519 856 PM \$2519 857 PM \$2519 1000 PM \$2519 1000 PM \$2519 1000 AM \$2519 1000 AM \$2519 100 AM	SWE- C36 away (8:53) Well shall in due to high high level switch on 3 phase yeared of production (8:57) Open well to flour on a 33/65° choice with an WHP of 1287 patch) Water Weight = 9.7 pag OH API = 43.22@ 60°F HQS = 0 per SWE-1300 pagg (1:30) Well shall in due to high high level switch on 3 phase yeared at production (8:15) Open Well to flow on a 33/65° choice with a WHP of 1463 octo) Water Weight = 9.7 pag OH API = 43.55 @ 60°F	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.40 2.30 2.40	0.00 0.00 0.00 0.00 0.00 0.00 0.00	21 9 57 65 57 77 77 77 77 77 77 77 77 77 77 77 77	0 28 57 28 28 30 35 47 38 39	1225 1227 1215 1227 1227 1228 1227 1228 1322 1418 1323 1421 1421 1421 1421 1421 1421 1421	
Nell Brut et NPT Initial Production INIT INPT INPT INPT INPT INPT INPT INPT	\$2519 856 PM \$2519 854 PM \$2519 850 PM \$2519 1000 PM \$2519 1000 PM \$2519 100 AM \$2519 100 AM \$2519 100 AM \$2519 200 PM	(8:53) Well shall in due to high high level switch on 3 phase yeared at production (8:57) Open well to flow on a 30/64" choice with an WHP of 1287 patch) Water Weight = 8.7 pag OR Afts = 43.22@ 60°F HQS = 0 page 1330°F choice with an WHP of 1287 patch) (1:30) Well shall in due to high high level switch on 3 phase yeared at production with a WHP of 1463 patch) (8:15) Open Well to flow on a 33/64" choice with a WHP of 1463 patch) Water Weight = 8.7 pag AFT = 43.55 @ 60°F HQS = 0 pom	2.40 2.00 2.30 2.30 2.30 2.40 2.40 2.30 2.40 2.30 2.40 2.30	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	21 9 97 65 87 77 77 77 77	0 28 57 28 28 0 55 47 38 59 54	1225 1226 1227 1226 1227 1228 1228 1428 1421 1421 1421 1421 1421	
Nell Brut et NPT Initial Production Well Shut in NPT NPT NPT NPT NPT Initial Production	\$25/19 856 PM 523/19 854 PM 523/19 1000 PM 523/19 1000 PM 524/19 12/00 AM 524/19 12/00 AM 524/19 12/00 AM 524/19 13/0 AM	SWE- C36 away (8:53) Well shall in due to high high level switch on 3 phase yeared of production (8:57) Open well to flour on a 33/65° choice with an WHP of 1287 patch) Water Weight = 9.7 pag OH API = 43.22@ 60°F HQS = 0 per SWE-1300 pagg (1:30) Well shall in due to high high level switch on 3 phase yeared at production (8:15) Open Well to flow on a 33/65° choice with a WHP of 1463 octo) Water Weight = 9.7 pag OH API = 43.55 @ 60°F	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.40 2.30 2.40 2.30 2.40	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	21 9 57 65 87 73 71 73 71 72 71	0 28 57 28 28 0 35 47 38 39 34 35 27	1287 1215 1215 1217 1218 1389 1418 1389 1418 1501 1601 1604 1601 1604 177 1603 1125 1206 1397 1279 1270 1270 1288 1230	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Intel Production Initial Production	\$2519 856 PM \$2519 856 PM \$2519 857 PM \$2519 1000 PM \$2519 1000 PM \$2519 1000 AM \$2519 1000 AM \$2519 1000 AM \$2519 100 AM \$2519 200 PM \$2519 200 PM \$2519 200 PM \$2519 200 PM	(8:03) Well shad in due to high high level switch on 3 phases vessel of production (8:07) Open well to floor on a 30/6/f choice with an WHP of 1287 paids) Water Weight = 9.7 pag OR MR = 43.22@ 60°F HOS = 0 extra 5WH 1300 paigs (1:50) Well shut in due to high high level switch on 3 phases vessel at production with a WHP of 1403 paids) Water Weight = 9.7 pag OR API = 43.05 @ 60°F HOS = 0 extra	2.40 2.00 2.30 2.30 2.20 1.50 2.40 2.30 2.40 2.30 2.30 2.30 2.30	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	21 9 57 65 67 77 77 77 77 77 77 77 77 77 70 60	0 28 67 28 28 0 55 47 38 39 39 34 35 27 26	1287 1287 1216 1217 1218 1283 1217 1218 1283 1418 1383 1418 1421 1481 1483 1483 1483 1483 1483 1483 148	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Nell Brut et NPT Initial Production Well Shut in NPT NPT NPT NPT NPT Initial Production	\$25/19 856 PM 523/19 854 PM 523/19 1000 PM 523/19 1000 PM 524/19 12/00 AM 524/19 12/00 AM 524/19 12/00 AM 524/19 13/0 AM	(8:03) Well shoul in due to high high level switch on 3 phase weeked at production (8:57) Open well to floor on a 30/6/f choice with an WHP of 1287 paids) Water Weight = 9.7 pag	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.40 2.30 2.40 2.30 2.40	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	21 9 57 65 87 73 71 73 71 72 71	0 28 57 28 28 0 35 47 38 39 34 35 27	1287 1215 1215 1217 1218 1389 1418 1389 1418 1501 1601 1604 1601 1604 177 1603 1125 1206 1397 1279 1270 1270 1288 1230	20 20 20 20 20 20 20 20 20 20 20 20 20 2
Initial Production Well Shat in INPT INPT INPT INPT INPT INPT INPT INPT	\$25/19 856 PM \$23/19 854 PM \$23/19 1500 PM \$23/19 1500 PM \$24/19 1200 AM \$24/19 1200 AM \$24/19 130 PM \$24/19 230 PM	(8:53) Well shall in due to high high level switch on 3 phase yeared of production (8:57) Open well to floor on a 30/67 choice with an WHP of 1287 patch) Water Weight = 9.7 gag OH NCS = 35/67 choice with an WHP of 1287 patch) Water Weight = 9.7 gag OH NCS = 35/67 choice with a switch on the high high level awhich on 3 phase yeared at production (8:15) Open Well to flow on a 32/67 choice with a WHP of 1463 octo) Water Weight = 9.7 gag OH API = 43.59 @ OFF H2S = 0 poor	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 97 65 97 73 71 72 71 72 60 73 73	0 28 57 28 28 28 29 35 47 36 39 36 37 25 25 25 25 25 25 25 25 25 25 25 25 25	1287 1287 1215 1215 1217 1218 1389 1418 1380 1418 1601 1601 1601 1601 1601 1601 1206 1206	
Intel Production Initial Production	\$25/19 850 PM 523/19 850 PM 523/19 1000 PM 523/19 1000 PM 523/19 1000 PM 524/19 1000 PM 524/19 1000 PM 524/19 1000 PM 524/19 1000 AM 524/19 100 PM	(8:03) Well shoul in due to high high level switch on 3 phase weeked at production (8:57) Open well to floor on a 30/6/f choice with an WHP of 1287 paids) Water Weight = 9.7 pag	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	21 9 57 65 57 73 71 77 73 60 77 75 76 77 75 77 75 77 77 77 77 77 77 77 77 77	0 28 57 28 28 30 47 30 35 47 30 35 34 35 37 35 38	1225 1227 1225 1227 1227 1228 1227 1228 1227 1228 1227 1221 1221	
Intel Production Instal Production	\$2519 856 PM \$2519 856 PM \$2519 850 PM \$2519 1000 PM \$2519 1000 PM \$2519 1000 AM \$2519 1000 AM \$2519 1000 AM \$2519 100 PM \$2519 100 PM \$2519 100 PM \$2519 100 PM \$2519 500 PM	(8:53) Well shall in due to high high level switch on 3 phase yeared of production (8:57) Open well to floor on a 30/67 choice with an WHP of 1287 patch) Water Weight = 9.7 gag OH NCS = 35/67 choice with an WHP of 1287 patch) Water Weight = 9.7 gag OH NCS = 35/67 choice with a switch on the high high level awhich on 3 phase yeared at production (8:15) Open Well to flow on a 32/67 choice with a WHP of 1463 octo) Water Weight = 9.7 gag OH API = 43.59 @ OFF H2S = 0 poor	2.40 2.00 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 57 73 71 72 71 72 60 66 66	0 28 57 28 28 0 0 55 47 38 39 30 31 33 39 36 33 39	1287 1218 1218 1217 1218 1217 1218 1218	
Initial Production Well Shat in NEPT NEPT NEPT NEPT NEPT NEPT Initial Production	\$23/19 850 PM \$23/19 850 PM \$23/19 1000 PM \$23/19 1000 PM \$24/19 12/00 AM \$24/19 13/00 PM \$24/19 200 PM	(8:53) Well shall in due to high high level switch on 3 phase yeared at production (8:57) Open well to from on a 30/67 choice with an WHP of 1287 patch) Water Weight = 9.7 pag OH HQS = 35/67 choice with an WHP of 1287 patch) Water Weight = 9.7 pag OH HQS = 35/67 choice with a which in due to high high level awhich on 3 phase yeared at production (8:15) Open Well to flow on a 32/67 choice with a WHP of 1463 oxfo) Water Weight = 9.7 pag OH API = 43.59 @ 60°F HQS = 0 poor Water Weight = 9.7 pag OH API = 43.59 @ 60°F Water Weight = 9.7 pag OH API = 43.59 @ 60°F	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	21 9 97 65 87 73 71 73 71 72 60 73 77 77 77 78 60	0 28 57 28 28 28 29 36 36 37 36 39 36 32 32	1287 1215 1215 1215 1217 1218 1389 1418 1389 1418 1501 1601 1604 1601 1604 177 1603 1125 1226 1297 1278 1288 1230 1251 1250 1251 1250 1245	
Intel Production Instal Production	\$2519 856 PM \$2519 856 PM \$2519 857 PM \$2219 1000 PM \$2219 1000 PM \$2419 1000 AM \$2419 1000 AM \$2419 1000 AM \$2419 100 PM \$2419 100 PM \$2419 100 PM \$2419 100 PM \$2419 500 PM	(8-03) World short in dise to high high level switch on 3 phase vessel at production (8-57) Open well to flow on a 30-87 choice with an WHP of 1287 setch) Water Weight = 9.7 seg H2S = 0 sem Shift short with an WHP of 1287 setch) (8-15) Open Well to flow on a 323-67 choice with an 3 phase vessel at production with a WHP of 1-63 setch) (8-15) Open Well to flow on a 323-67 choice with a WHP of 1-63 setch) Water Weight = 9.7 seg OF H2S = 0 sem OF H2S = 0 sem OF OR H2S = 0 sem	2.40 2.00 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 57 73 71 72 71 72 60 66 66	0 28 57 28 28 0 0 55 47 38 39 30 31 33 39 36 33 39	1287 1218 1218 1217 1218 1217 1218 1218	
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Initial Production	\$2519 850 PM \$2319 854 PM \$2319 850 PM \$2319 1000 PM \$2319 1000 PM \$2319 1000 AM \$2319 100 AM \$2419 100 PM \$2419 100 PM \$2419 100 PM \$2419 500 PM	(8-03) World short in dise to high high level switch on 3 phase vessel at production (8-57) Open well to flow on a 30-87 choice with an WHP of 1287 setch) Water Weight = 9.7 seg H2S = 0 sem Shift short with an WHP of 1287 setch) (8-15) Open Well to flow on a 323-67 choice with an 3 phase vessel at production with a WHP of 1-63 setch) (8-15) Open Well to flow on a 323-67 choice with a WHP of 1-63 setch) Water Weight = 9.7 seg OF H2S = 0 sem OF H2S = 0 sem OF OR H2S = 0 sem	2.40 2.00 2.30 2.30 2.30 2.40 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 67 65 87 24 77 77 77 77 77 77 77 77 77 77 77 77 77	0 28 57 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	1228 1287 1216 1217 1218 1229 1418 1350 1418 1550 1418 1418 1417 1480 1125 1209 1279 1279 1279 1278 1298 1290 1291 1291 1291 1294 1295 1296 1297 1298 1298 1290 1294 1295 1296 1297 1298 1298 1290 1294 1295 1296 1297 1298 1298 1290 1294 1295 1296 1297 1298 1298 1299 1298 1299 1298 1299 1298 1299 1299	
Initial Production Well Shart in INITIALITY	\$25/19 859 PM \$23/19 859 PM \$23/19 1500 PM \$23/19 1500 PM \$23/19 1500 PM \$23/19 1200 AM \$23/19 130 AM \$24/19 100 AM \$24/19 100 PM	(8-15) Open Wolf to flow on a 32,56° choke with an 3 phase years of a production (8-5°) Open well to flow on a 30,66° choke with an WHP of 1237 pace) Water Weight = 9,7 pag (1-30) Welf shut in the to High high level with an WHP of 1433 pace) (8-15) Open Wolf to flow on a 32,56° choke with a WHP of 1433 octo) Water Weight = 9,7 pag (8-15) Open Wolf to flow on a 32,56° choke with a WHP of 1433 octo) Water Weight = 9,7 pag (9-14,55° choke octo) Water Weight = 9,7 pag (9-14,50° choke octo)	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 57 57 77 77 77 77 66 66 66 66 66 66 66 66 66	0 28 57 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	1287 1215 1215 1215 1217 1218 1289 1418 1389 1418 1421 1461 1461 1461 1463 1125 1296 1276 1278 1278 1278 1278 1278 1278 1278 1278	
Intel Production Instal Production	\$2219 850 PM \$2219 850 PM \$2219 1000 PM \$2219 1000 PM \$2219 1000 PM \$2219 1000 AM \$2219 1000 AM \$2219 100 PM	(8-15) Open Welf to flow on a 32,56° choke with a WHP of 1803 people weeked at production (8:5°) Open well to flow on a 30,66° choke with an WHP of 1207 people Water Weight = 9.7 pog AR1 = 43,22@ 60° people (8-15) Open Welf to flow on a 32,56° choke with an 3 phase vessel at production (8-15) Open Welf to flow on a 32,56° choke with a WHP of 1403 oxfo) Water Weight = 9.7 pog AR1 = 43,50 @ 60°F Water Weight = 9.7 pog Oil AR1 = 43,50 @ 60°F Weter Weight = 9.7 pog Oil AR1 = 43,50 @ 60°F Weter Weight = 9.7 pog Oil AR1 = 43,50 @ 60°F Weter Weight = 9.7 pog Oil AR1 = 43,50 @ 60°F	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 87 73 71 77 73 60 77 77 70 60 60 60 60 60 60 60 60 60 60 60 60 60	0 28 57 28 28 28 28 28 28 28 28 28 28 28 28 28	1225 1225 1225 1225 1225 1225 1227 1226 1227 1226 1227 1226 1227 1226 1227 1226 1227 1226 1227 1226 1227 1226 1227 1226 1226	
Intel Production Instal Production	\$2219 850 PM \$2219 850 PM \$2219 1000 PM \$2219 1000 PM \$2219 1000 PM \$2219 1000 AM \$2219 1000 AM \$2219 100 AM \$2219 200 PM \$2219 200 AM \$2219 500 AM \$2219 600 AM \$2219 600 AM \$2219 600 AM	(8:03) Well shad in due to high high level switch and 3 phase yeared of production (8:57) Open well to floor on a 30/65' choice with an WHP of 1207 paids) Water Weight = 9.7 pag (1:30) Well shut in due to high high level switch in WHP of 1300 paigs (1:30) Well shut in due to high high level switch in 3 phase yeared at production Water Weight = 9.7 pag (8:15) Open Well to flow on a 33/66' choice with a WHP of 1403 seta) Water Weight = 9.7 pag (8:15) Open Well to flow on a 33/66' choice with a WHP of 1403 seta) Water Weight = 9.7 pag (9:15) Open Well to flow on a 30/66' choice with a WHP of 1403 seta) Water Weight = 9.7 pag (9:15) Open Well to flow on a 30/66' choice with a WHP of 1403 seta) Water Weight = 9.7 pag (9:15) Open Well to flow on a 30/66' choice with a WHP of 1403 seta) Water Weight = 9.7 pag (9:15) Open Open Open Open Open Open Open Open	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 87 73 71 77 73 60 77 77 70 60 60 60 60 60 60 60 60 60 60 60 60 60	0 28 57 28 28 28 28 28 28 28 28 28 28 28 28 28	1225 1225 1227 1225 1227 1228 1227 1228 1227 1228 1227 1228 1227 1228 1228	
Initial Production	\$2319 856 PM 52319 857 PM 52319 857 PM 52319 1500 PM 52319 1500 PM 52319 1500 AM 52419 1200 AM 52419 130 AM 52419 100 PM	(8:03) Well shall in due to high high level switch on 3 phase yeared of production (8:57) Open well to flow on a 30/65 choice with an WHP of 1207 page) Water Weight = 9.7 pag API = 43.22@ 60°F Occor 5WF 1300 page (1:30) Well shut in due to high high level switch in WHP of 1403 page (1:30) Well shut in due to high high level switch in 3 phase yeased at production Water Weight = 9.7 pag API = 43.55 @ 60°F H28 = 0 page Water Weight = 9.7 pag API = 43.50 @ 60°F Water Weight = 9.7 pag API = 43.50 @ 60°F Get API = 44.11 @ 60°F Water Weight = 9.7 pag API = 44.11 @ 60°F Get API = 44.11 @ 60°F	2.40 2.00 2.30 2.30 2.30 2.40 2.40 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 87 77 77 77 77 77 66 66 66 66 66 66 66 66	0 28 57 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	1225 1226 1227 1228 1227 1228 1237 1238 1418 1530 1618 1621 1681 1683 1683 1683 1683 1683 1683 168	
Initial Production	\$2219 850 PM \$2219 850 PM \$2219 850 PM \$2219 100 PM \$2219 1100 PM \$2219 1200 AM \$2219 1200 AM \$2219 1200 AM \$2219 120 AM \$2219 100 AM \$2219 100 PM \$2219 20 AM	(8:03) Well shall in due to high high level switch and 3 phase yeared of production (8:57) Open well to from on a 30/67 choice with an WHP of 1207 page. Water Weight = 9.7 pag. (1:30) Well shut in due to high high level switch an WHP of 1300 page. (5:15) Open Well for five on a 32/64" choice with a WHP of 1403 page. (5:15) Open Well for five on a 32/64" choice with a WHP of 1403 page. (8:15) Open Well for five on a 32/64" choice with a WHP of 1403 page. Water Weight = 9.7 pag. API = 43.59 @ 60°F H28 = 0 poor Water Weight = 9.7 pag. API = 43.79 @ 60°F H28 = 0 poor Water Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F Gentle Weight = 9.7 pag. API = 44.15 @ 60°F	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 57 57 77 77 77 66 66 66 66 66 66 66 66 66 66	0 28 57 28 28 29 34 35 39 34 35 35 35 35 35 35 35 35 35 35 35 35 35	1287 1215 1216 1217 1218 1289 1418 1389 1418 1418 1421 1481 1421 1481 1421 1481 1422 1226 1226 1226 1227 1228 1230 1244 1251 1244 1228 1230 1244 1228 1231 1244	
Intel Production Instal Production	\$2219 850 PM \$2219 850 PM \$2219 1000 PM \$2219 1000 PM \$2219 1000 PM \$2219 1000 AM \$2219 1000 AM \$2219 100 AM \$2219 200 PM \$2219 200 AM \$2219 500 AM \$2219 600 AM \$2219 600 AM \$2219 600 AM	(\$150) Twist short in dise to high high level switch on 3 phase vessel at production (\$57) Open well to floor on a 20%F shoke with an WHP of 1287 palco) Water Weight = 9.7 pag (\$1.50) Well short of the to high high level switch on 3 phase vessel at production on 3 phase vessel at production on 3 phase vessel at production with a WHP of 1483 palco) Water Weight = 9.7 pag (\$1.50) Turned over on a \$1580 SOUGH Shows	2.40 2.00 2.30 2.30 2.30 2.30 2.40 2.30 2.30 2.30 2.30 2.30 2.30 2.30 2.3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	21 9 57 65 87 73 71 77 73 60 77 77 70 60 60 60 60 60 60 60 60 60 60 60 60 60	0 28 57 28 28 28 28 28 28 28 28 28 28 28 28 28	1225 1225 1227 1225 1227 1228 1227 1228 1227 1228 1227 1228 1227 1228 1228	





HESS	REPORTING PERIO	RT OOOOa ANNU Dt 8/2/18 to	8/2/19
		Dates	8/29/2018
	Gene	ral Information	
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-BURK-151-95-0718F		5308164
Coordinates:	LATITUDE/LONG	CITUDE (b) (9)	
	Init	tial Flowback	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount MMsd
9/8/1811:00 AM	9/8/1811:15 AM	0.00	0.0000
	Initial Produ	ction - Flam/Separator	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/8/18 11:15 AM	9/11/18-8:05 AM	2.72	7.5857
	Initial Produ	ection - Flure Facilities	CAST CONTRACTOR OF THE PARTY OF
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/8/1811:15 AM	9/11/18 805 AM	0.37	0.3954
	Productio	n through Facilities	
Start Date & Time	End Date & Time	Ratic MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
	ser down,	. High pipeline pressure.6-18	18 7:00-10:00 PM: Pipeline
	Respo	msible Party (?)	

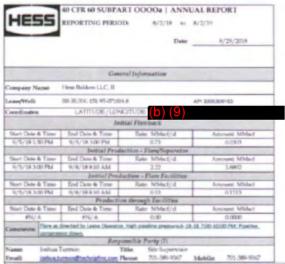
(a)

9 7*N (T)

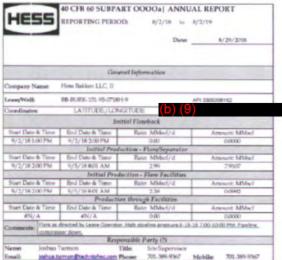
BB-BURK-151-95-1807H-7 SESE-18-151N-95W PERMIT #33995 FOR EMERGENCY-1-800-406-1697





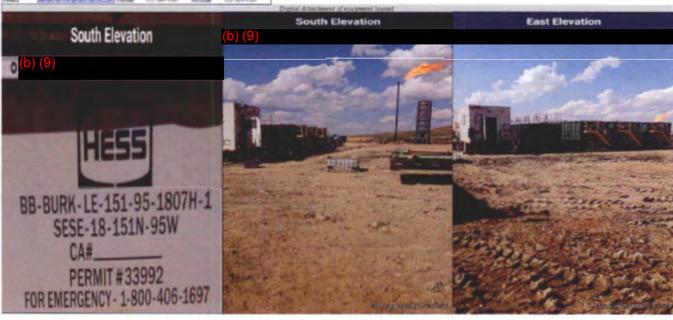


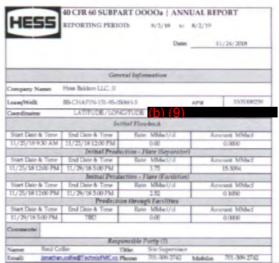




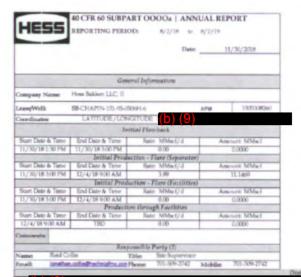


HES	5	REPORTING PERIO	Dt	8/2/18 60	8/2/19
				Dates	8/29/2018
		Gene	ral Inform	ration	
Company Nam	ме	Hose Bakken LLC. II			
LeasyWell:		98-BURK-151-95-07189	И		AP1 3305308161
Coordinates		LATITUDE/LON	CITUDE	(b) (9	
		Jui	tiel Flow		
Start Date &	Tiene	End Date & Time	Ratin	MMscl/d	Amount MMsc
8/30/18 12:15	5 PM	8/30/16 1:30 PM		1.36	0.0566
		Initial Produ	ction - Fi	im/Separator	
Start Date &	Tione	End Date & Time	Fano	MMsd/d	Amount MMsc
8/30/18 1:30	PM.	9/1/187:00 PM		3.77	6.1279
		Initial Produ	setion - F	are Facilities	
Start Date &	Tione	End Date & Time	Reser	MMwi/d	Amount: MMsc
8/30/18 1:30	PM.	9/1/387:00 PM		(E(E)	0.0000
		Productio			
Start Date &		Erad Diato & Tiene		MMscf/d	Amount: MMsc
9/1/18.7:00	PM	9/2/18805 AM		0.00	0,0000
Comments (7)	BY AL	directed by Leane Operator our Josep.	. High priced	ine pressure. F-13	-14 7:00-10:00 PM: Pipelin
-			empilido Fu	orty (7)	
Name Ji	shur'	Terreion T	ide:	itte Supervisor	
Double in	abus to	proceeding the designation of the	Score 1	771.380.9367	Mobile 201, 959, 97

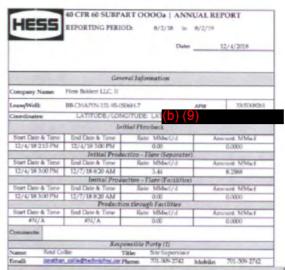




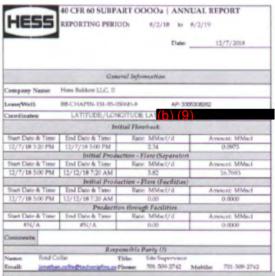




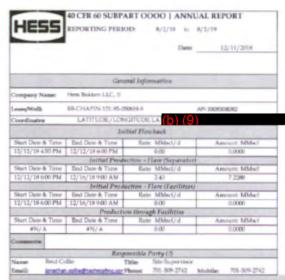


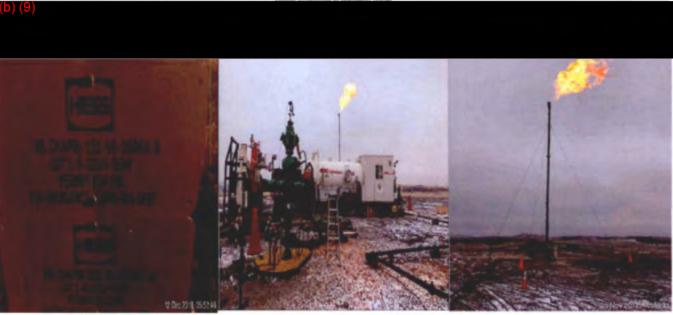
















REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EXIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

WELL DATA	SUMMARY	
Tempany Name	Hess Corporation	
fivel Name	BB-EIDE-151-95-3328H-8	
PI Number		
Trea Work Team	D	
reld	88	
emation	MB	
©rea (Acres)	1280	
Date on Location	6/27/2019	
Stial Flowback Date	6/28/19 12:30 PM	
Howback Company	TechnipFMC	
Responsible Contractor	Travis Atkinson	
hose Contact	307-899-7221	
tatal Shut-in Tubing Pressure (Psi)	4,095	P
	Mempany Name Well Name Pres Work Team Weld Wenness Wenness Wenness Wenness Water Wat	Vell Name

 FRAC JOB SUMMARY

 Type Frac Job
 Hydraulic Frac

 TOTAL Clean Fluid Pumped
 159,393
 BBLS

 TOTAL Sand Plumped
 9,970,811
 LBS

 Proposed # Stages
 31
 Stages

 Effective # Stages
 31
 Stages

Event Phase	Date MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate MMscfd	Oil Volume bbl/hr	Water Volume bbl/hr	Tubing Press psi(g)	Choke Size in (# /64)
Phase	MM/DD/TT TIME	TFMC On location, Hold location safety	(FB) Miniscra	MINISCIG	DOUNT	DOUR	psi(g)	m (# /64)
Standard Work	6/27/19 9:00 AM	meeting and simops meeting with rig crew begin spotting equiment and Rigging up						
Standard Work	6/27/19 5:30 PM	TFMC Conduct shift change safety meeting and Simops meeting. Night shift continues rig in.						
Standard Work	6/28/19 3:45 AM	Night shift stopped work due to proximity of lightnig storm					7	
Standard Work	6/28/19 5:30 AM	Lightining storm passed. Hold shift change safety meeting and Simops meeting. Day shift Resumes rig up.						
Standard Work	6/28/19 10:29 AM	TFMC Rig up complete awating line fillign and pressure test		2 2 3				
NPT	6/28/19 10:30 AM	TFMC Waiting on WTI to fill Lines and ARP to pressure test. NPT on TFMC due to failure to schedule services in advance						
Initial Flowback	6/25/10 12 30 PM	Open well to flow on a 2464" choice with 4095 paigt on the tubing. Begin to follow flowback procedure for 85 field					4095	
Initial Production	6/28/19 1:00 PM	Oil to sales at 12:35 pm. TFMC begins	0.25	0.00	36	0	2638	24
Initial Production	6/28/19 2:00 PM	bleedign off casing pressures	0.38	0.00	97	54	2790	. 24
Well Shut in	6/28/19 2:01 PM	Shut to well to repair L2 isip 2700						
NPT	6/28/19 2:02 PM	NPT on TFMC. Shut in well and deinventory vessel to repair L2					3362	
		Open well to flow on a 24/64" choke with						
Initial Production	6/28/19 2:25 PM	3400 psi(g) on the tubing . Resume following Flowback procedure for BB field					3400	
Initial Production	6/2B/19 3:00 PM	(3:30) Increase choke to 28/64*	0.45	0.10	56	25	2896	24
Initial Production	6/28/19 4:00 PM		0.50	0.13	118	43	2850	28
Initial Production	6/28/19 5:00 PM	A CAMPANIAN AND ASSESSMENT	0.47	0.11	126	49	2875	28
Initial Production	6/28/19 6:00 PM	(6:00) Increase choke to 32/64*	4.30	0.00	127	51	2838	28
Initial Production	6/28/19 7:00 PM		4.30	0.00	154	75	2715	32
Initial Production	6/28/19 8:00 PM	(08.00) Increase choke to 36/64" Water Weight = 9.8 ppg Oil API = 42.89 @ 60"F	3.30	0.98	140	69	2705	32
Initial Production	6/28/19 9:00 PM	GEAT1-42.07 @ 00 1	4.20	0.84	167	67	2011	36
Initial Production	6/28/19 10:00 PM	The state of the s	4.30	0.88	159	69	2635	36
Initial Production	6/28/19 11:00 PM	Missing Missing in 6 8 man	4.40	0.74	151	65	2633	36
Initial Production	6/29/19 12:00 AM	Water Weight = 9.8 ppg Oil APt = 44.27 @ 60°F H2S= 0 ppm	4,30	0.89	158	70	2549	36
Initial Production	6/29/19 1:00 AM		4.30	0.72	164	51	2430	36
Initial Production Initial Production	6/29/19 2:00 AM 6/29/19 3:00 AM		4.20 4.40	0.91	166	59 59	2549 2594	36 36
		Water Weight = 9.8 ppg	4.20	0.94	189	59	2584	36
Initial Production	6/29/19 4:00 AM	Oil API = 45.78 @ 60°F	4.40	0.74	154	51	2247	36
Initial Production	6/29/19 5:00 AM 6/29/19 6:00 AM		4.51	0.90	148	27	2551	36
Initial Production	6/29/19 7:00 AM		4.55	0.85	170	56	2550	36
Initial Production	6/29/19 8:00 AM	Water Weight = 9.7 ppg Oil API = 43.70 @ 60°F	4.60	0.94	130	56	2541	36
Initial Production	6/29/19 9:00 AM	(9:00 Increase Choke to 38/64"	4.49	0.81	130	51	2526	36
Initial Production	6/29/19 10:00 AM		5.10	0.98	157	56	2112	38
Weit Shut in	629/19 10:25 AM	NPT ON Production; Facilities High					2282	38
NPT	6/29/19 10:25 AM	Level Alarm						38
Initial Production	6/29/19 10:59 AM	Open well to flow on a 38/64* choke with 3475 psi(g) on the fubing. Resume following Flowback procedure for 88					3475	
Initial Production	6/29/19 11:00 AM	field	5.30	0.78	114	35	1880	38
Initial Production	6/29/19 12:00 PM	Water Weight = 9.7 ppg Oil API = 42.30 @ 60°F	5,50	1.00	119	52	2331	38
		H2S= 0 ppm						
Initial Production	6/29/19 1:00 PM	(1:00) Increase Choke to 40/64"	4.93	0.74	152	62	2313	38

Initial Production	6/29/19 2:00 PM	(2:00) Increase Choke to 42/64"	4.95	1.04	150	51	2128	40
Initial Production	6/29/19 3:00 PM	(3:00) Decrease Choke to 40/64* Water Weight = 9.7 ppg	5.25	0.06	186	72	2120	42
Initial Production	6/29/19 4:00 PM	OBAPI = 42.51 @ 60°F	5.00	0.75	175	52	2200	40
Initial Production	5/29/19 5:00 PM		6.07	0.10	161	66	2200	40
Initial Production	6/29/19 6:00 PM		6.30	0.00	184	44	2155	40
Initial Production	6/29/19 7:00 PM	and the second second	5.00	0.99	159	62	2173	40
Initial Production	5/29/19 8:00 PM	Water Weight = 9.5 ppg Oil API = 40.90 @ 60°F	4.90	0.98	157	63	2175	40
Initial Production	6/29/19 9:00 PM	0101-11-10-01-01	4.90	0.91	184	46	2159	40
Wet Shut in	5/29/19/3/11 PM	(9.11) SIMP-3345 paidgs. High Separator. Level On Production					3345	
NPT	6/29/19 9:12 PM	Well shut due to High Separator Level					1	
Initial Production	6/29/19 9:25 PM	(9:25) Open H-8 to flow on 40/64" choke					3395	40
		with an IOP of 3395 psi(g).	* **					40
Initial Production	6/29/19 10:00 PM		5,40	0.11	108	40	2125	
Initial Production	6/29/19 11:00 PM	Water Weight = 9.6 ppg	5.00	0.98	177	52	2175	40
Initial Production	6/30/19 12 00 AM	OI API = 41.20 @ 60°F	5.10	0.96	158	75	2177	40
Salvint Monad outlier		H2S= 0 ppm	4.00	0.00				-
Initial Production	6/30/19 1:00 AM		5.00	0.97	180	53 60	2184 2176	40
Initial Production	6/30/19 2:00 AM					1000		
Initial Production	6/30/19 3:00 AM	Water Weight = 9 6 ppg	5.00	0.89	174	59	2164	40
Initial Production	6/30/19 4:00 AM	Oil API = 41.10 @ 60°F	4.90	1.05	182	52	2166	40
Initial Production	6/30/19 5:00 AM	Cantil at the growt	4.87	1.03	183	61	2168	40
Initial Production	6/30/19 6:00 AM		4.93	0.99	164	35	2164	40
Initial Production	5/30/19 7:00 AM		4.98	0.93	161	63	2157	40
The state of the s		Water Weight = 9.6 ppg						
Initial Production	6/30/19 8:00 AM	Ol API = 43.810 @ 60°F	4.95	0.94	180	60	2147	40
Initial Production	6/30/19 9:00 AM		4.79	5.14	172	56	2155	40
Initial Production	6/30/19 10:00 AM		4.88	1.04	166	62	2160	40
Initial Production	6/30/19 11:00 AM	The second second	5.02	0.90	172	63	2146	40
		(12:00) Decrease choke to 36/64"						
Initial Production	6/30/19 12:00 PM	Water Weight = 9.6 ppg Oil API = 43.90 四 60°F	5.08	0.80	166	58	2141	40
Initial Production	6/30/19 1:00 PM	H2S= 0 ppm	4.87	0.79	148	58	2223	38
	8/30/19 2:00 PM	(2:00) Decrease choke to 36/64*	4.82	0.84	172	58	2220	38
Initial Production		(2:00) Decrease choke to 30/04"	4.68	0.71	153	58	2315	36
Initial Production	6/30/19 3:00 PM	(4:00) Decrease choke to 34/64* Water	4.00	0.71	153	20	2310	30
Initial Production	6/30/19 4:00 PM	Weight = 9.6 ppg	4.30	0.72	146	50	2450	36
Initial Production	6/30/19 5:00 PM	Oil API = 43,650 @ 60°F	4.30	0.75	147	54	2431	34
Initial Production	6/30/19 6.00 PM	(6:00) Decreased to 32/64* choke	2.40	0.69	150	46	2477	34
Initial Production	6/30/19 7:00 PM	(0.00) Decreased to 3204 Cricke	3.90	0.77	138	49	2528	32
Hadai Production	dido:10.1.m	(8:00) Decreased to 28/64" choke	0,00	471		-	200	-
Initial Production	6/30/19 8:00 PM	Water Weight = 9.6 ppg Oil API = 42.59 @ 60°F	3,40	0.61	131	44	2529	32
Initial Production	6/30/19 9:00 PM		2.10	0.63	107	48	2746	28
Initial Production	6/30/19 10:00 PM	(10:00) Decreased to 26/64" choke	2.80	0.00	116	35	2755	28
Initial Production	6/30/19 11:00 PM		3.20	0.00	104	42	2828	26
		(12:00) Decrease choke to 24/64" Water Weight = 9.5 ppg		1000	1			
Initial Production	7/1/19 12:00 AM	OI API = 43.41 @ 60°F	3.10	0.00	106	39	2831	26
Initial Production	7/1/19 1:00 AM	H2S= 0 ppm	2.90	0.00	91	29	2893	24
Initial Production	7/1/19 2:00 AM		2.80	0.00	109	39	2889	24
Initial Production	7/1/19 3:00 AM		2.80	0.00	87	34	2588	24
Initial Production	7/1/19 4:00 AM	Water Weight = 9.6 ppg	2.80	0.00	90	31	2894	24
		OII API = 43.41 @ 60°F		100				
Initial Production	7/1/19 5:00 AM		2.30	0.00	85	31 27	2903 2931	24
Initial Production	7/1/19 6:00 AM	(7-15) Turned outside a TENEO OLIGIE	2.30	0.00	90	ZI.	2931	24
Flowback operations complete	7/1/19 7:00 AM	(7:15) Turned over on a TFMC 24/64" choke to Production 20/64" choke at 2,878 psk(g). Manifold sand sample =	2.25	0.00	100	33	2878	

	ER TO CO		
DO NO	I EDIT GE	LLB SHA	DED U

Clear data to create Flowback data for new well

Version.20190404

Show/Hide autopopulated data

Company Name	Hess Corporation
Well Name	BB-EIDE-151-95-3328H-9
API Number	
Area Work Team	D
Field	88
Formation	TF
Ares (Acres)	1280
Date on Location	6/27/2019
Initial Flowback Date	7/1/19 12:30 PM
Flowback Company	TechnipFMC
Responsible Contractor	Joshua Turmon
Phone Contact	701-389-9367
Initial Shut-in Tubing Pressure (Psi)	1,795

FRAC JOB	SUMMARY	
	Hydraulic Frac	
id Pumped	103,735	BBLS
nped	4,938,777	LBS
15	31	Stage
	31	Stage

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event	Date MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate MMscfd	Oil Volume bbl/hr	Water Volume bbl/hr	Tubing Press psi(g)	Choke S
Phase Standard Work	7/1/19 7:20 AM	(7:20) TFMC Begin Rig over to H9	(FD) immiscia	MMSCFG	Donne	DOM	bada)	110 (10 10
		(9:00) TFMC Completes Rig over, Fill				N. T.		
Standard Work	7/1/19 9:00 AM	lines for Pressure Testing.						11-3
		(11:00) Arp Testing arrives on location.				174.6		
- TO S		Begins High Pressure test on 2" 1502					10	1
Standard Work	7/1/19 11:00 AM	Line. (11:10) Pressure test pass.						
Standard Work	11 10 11.00 AM	(11:30) Begins Low Pressure test on 3"						
		206 line.						
		(11:40) Pressure test pass/complete.						
Standard Work	7/1/19 12:00 PM	(12:00) TFMC begins maintenance and						
THE RESERVE THE PARTY NAMED IN		completes checklists before opening.	Name and Address of the Owner, where the Owner, which is the Ow	The second	-	Contract of the last	THE OWNER OF THE OWNER, WHEN	100000
Contract of	7/1/19 12:40 PM	Open well to flaw on a 24/64" choke with					1795	24
Initial Flowback	27 12 12 142 FM	1749 psi(g) on the tubing. Begin to follow flowback procedure for BB field					1192	-
		TOTAL HOMOLOGY PROCESSING IN THE PROPERTY OF T						
100								ALC: N
Initial Flowback	7/1/19 1:00 PM		0.00	0.00	0	30	1730	24
Title Constitution				0.00				
minimum and	San Land of the land	The second second		State of the last	1		The same of the same of	-
Initial Production	7/1/19 1:55 PM	Oil to sales at 1:55 pm. TFMC begins				The second second		
Initial Production	7/1/19 2:00 PM	bleedign off casing pressures	1.89	0.00	50	32	2154	24
Initial Production	7/1/19 3:00 PM	(3:00) Increase Choke to 28/64*	1.38	0.53	88	35	2561	24
		Water Weight = 9.8 ppg		0.59	118	43	2751	28
Initial Production	7/1/19 4:00 PM	Oil API = 43.91 @ 60'F	1.68					
Initial Production	7/1/19 5:00 PM	(05:00) Increase choke to 32/64"	1.96	0.53	85	65	2552	28
Initial Production	7/1/19 6:00 PM	The second secon	2.60	0.61	114	66	2320	32
Initial Production	7/1/19 7:00 PM	(07:00) increased choke to 36/64"	2.70	0.52	125	80	2255	32
Initial Production	7/1/19 B:00 PM	Water Weight = 9.7 ppg Oil API = 42.68 @ 60°F	2.90	0.60	129	68	2146	36
Initial Production	7/1/19 9:00 PM	(09:00) increased choke to 38/64"	2.70	0.55	123	82	2212	36
Initial Production	7/1/19 10:00 PM	to any management in the con-	3.60	0.55	118	68	2158	38
Initial Production	7/1/19 11:00 PM		3.70	0.70	124	77	2131	38
		(12:00) increased choke to 40/64"						
Initial Production	7/2/19 12:00 AM	Water Weight = 9.7 ppg	3.70	0.46	135	79	2062	38
Initial 1 10000001		Oil API = 42.13 @ 60°F		1000			1	
Initial Production	7/2/19 1:00 AM	H2S = 0 ppm	3.80	0.46	136	80	2161	40
Initial Production	7/2/19 2:00 AM		3.70	0.48	135	88	2116	40
Initial Production	7/2/19 3:00 AM		3.60	0.58	148	79	2089	40
	7/2/19 4:00 AM	Water Weight = 9.7 ppg	3.50	0.45	140	72	2046	40
Initial Production		Oil API = 41.91 @ 60°F						
Initial Production	7/2/19 5:00 AM		3.80	0.50	148	71	2099	40
Initial Production	7/2/19 6:00 AM		4.47	0.60	137	67	2071	40
Initial Production	7/2/19 7:00 AM	Water Weight = 9.8 ppg	4.28	0.73	142	71	2067	40
Initial Production	7/2/19 8:00 AM	Oil API = 43.20 @ 60°F	4.27	0.71	139	76	2037	40
Initial Production	7/2/19 9:00 AM		4.20	0.80	147	70	2035	40
Initial Production	7/2/19 10:00 AM		4.18	0.87	139	76	2044	40
Initial Production	7/2/19 11:00 AM	A Commission of the Commission	4.21	0.81	142	73	2044	40
		Water Weight = 9.7 ppg				-	2000	1
Initial Production	7/2/19 12:00 PM	Oil API = 42.82 @ 60°F	4.17	0.85	148	76	2035	40
Initial Production	7/2/19 1:00 PM	H2S = 0 ppm	4.45	0.56	147	76	2042	1
Initial Production	7/2/19 2:00 PM	No. of the last of	4.43	0.57	141	75	2019	40
Initial Production	7/2/19 3:00 PM		4.07	0.96	122	75	2012	40
		(4:00) Increased choke to 42/62"		1000		3 3 1		
Initial Production	7/2/19 4:00 PM	Water Weight = 9.8 ppg	4.11	0.95	140	78	2009	40
told at David attention	7/2/40 5-00 044	Oil API = 42.70 @ 60°F	4.50	0.65	155	72	1926	42
Initial Production	7/2/19 5:00 PM		1000	100000	122	1.0	1926	42
Initial Production Initial Production	7/2/19 6:00 PM 7/2/19 7:00 PM	(7:00) Increased choke to 44/64"	4.30 4.30	0.79	128	80 76	1943	42
ALCOHOLD STREET		Water Weight = 9.8 ppg		35700		1		1
Initial Production	7/2/19 8:00 PM	Oil API = 42.44 @ 60°F	4.70	0.49	130	78	1858	44
Initial Production	7/2/19 9:00 PM		4.70	0.62	127	93	1862	44
Initial Production	7/2/19 10:00 PM		4.60	0.66	147	72	1857	44
Initial Production	7/2/19 11:00 PM		5.10	0.21	165	75	1860	44

Initial Production	7/3/19 12:00 AM	Water Weight = 9.8 ppg Oil API = 41.76 @ 60°F	4.80	0.42	143	85	1857	44
Initial Production	7/3/19 1:00 AM	H2S = 0	4.80	0.32	140	83	1888	44
Initial Production	7/3/19 2:00 AM		4.80	0.40	142	79	1803	44
Initial Production	7/3/19 3:00 AM		4.90	0.39	133	85	1827	44
Initial Production	7/3/19 4:00 AM	Water Weight = 9.8 ppg Oil API = 41.61 @ 60°F	4.80	0.13	141	76	1823	44
Initial Production	7/3/19 5:00 AM	OR APT = 41.01 (40 00 T	4.38	0.52	165	74	1883	44
Initial Production	7/3/19 6:00 AM		4.84	0.49	113	81	1871	44
Initial Production	7/3/19 7:00 AM		4.86	0.50	145	75	1816	44
Initial Production	7/3/19 8:00 AM	Water Weight = 9.8 ppg Oil API = 41.8 @ 60°F	4.91	0.48	142	76	1806	44
Initial Production	7/3/19 9:00 AM	OI AF1 - 41.0 M 00 F	4.86	0.49	145	85	1802	44
Initial Production	7/3/19 10:00 AM		4.86	0.49	137	73	1804	44
Initial Production	7/3/19 11:00 AM		4.88	0.46	140	81	1801	44
		(12:15) Decrease Choke to 42/64"Water			1	7		
Initial Production	7/3/19 12:00 PM	Weight = 9.7 ppg Oil API = 41.3 @ 60°F	4.83	0.45	128	61	1772	44
College Proceduration	7040 4 00 04	H2S = 0 ppm	5 191		100	-	1001	40
Initial Production	7/3/19 1:00 PM		4.74	0.44	157	76	1854	42
Initial Production	7/3/19 2:00 PM	(2:00) Decrease choke to 40/64"	4.69	0.45	125	72	1856	42
Initial Production	7/3/19 3:00 PM	(4:00) Decrease Choke to 38/64"	4.49	0.41	131	72	1927	40
Initial Production	7/3/19 4:00 PM	Water Weight = 9.8 ppg Oil API = 41.51 @ 60°F	4.50	0.40	133	69	1930	40
Initial Production	7/3/19 5:00 PM		4.70	0.68	133	66	2012	38
Initial Production	7/3/19 6:00 PM	(6:00) Decrease Choke to 36/64"	4.70	0.70	124	57	1991	38
Initial Production	7/3/19 7:00 PM		4.50	0.73	130	69	2080	36
		(8:00) Decrease Choke to 34/64"		100000000000000000000000000000000000000			1 - 1	
Initial Production	7/3/19 8:00 PM	Weight = 9.8 ppg Oil API = 41.51 @ 60°F	4.50	0.00	100	64	2068	36
Initial Production	7/3/19 9:00 PM		3.70	0.72	121	66	2075	34
Initial Production	7/3/19 10:00 PM	(10:00) Decrease Choke to 32/64*	4.20	0.00	106	67	2159	34
Initial Production	7/3/19 11:00 PM		2.60	0.00	98	54	2243	32
		(12:00) Decrease Choke to 30/64*		The Marie of	1 1 1 1 1 1 1 1		F. Contract	
Initial Production	7/4/19 12:00 AM	Weight = 9.8 ppg Oil API = 41.3 @ 60°F H2S = 0 ppm	2.60	0.00	111	64	2238	32
Initial Production	7/4/19 1:00 AM	140-01980	1.50	0.64	95	49	2368	30
Initial Production	7/4/19 2:00 AM	(2:00) Decrease Choke to 28/64"	2.20	0.00	85	54	2369	30
Initial Production	7/4/19 3:00 AM		2.00	0.00	90	55	2411	28
Initial Production	7/4/19 4:00 AM	Weight = 9.8 ppg Oil API = 41.51 @ 60°F	1.40	0.23	87	45	2427	28
Initial Production	7/4/19 5:00 AM	01/01-41.01 95 00 7	1.50	0.31	83	59	2417	28
Initial Production	7/4/19 6:00 AM		1.30	0.00	89	45	2423	28
Initial Production	7/4/19 7:00 AM		1.40	0.00	79	40	2328	28
		(8:00) Turned over on a TFMC 28/64" choke to Production 26/64" choke at						
lowback operations complete	7/4/19 8:00 AM	2420 psi(g). Manifold sand sample = 0.01%	1.50	0.00	83	49	2423	28

WELL DATA SUMMARY Clear data to create Flowback data for new well Show/Hide auto-populated data FRAC JOB SUMMARY

Data Completed By:
Flowback Grew / Heas FB Supervisor
Flowback
Automatic

E-mark	Effective # Stages	Remarks	and and and and	Edw Say Say	Of the sec	Make Makes	T. Since Street	Chala Fina	Destin	- Control	OUD-B	Tarabas	215-	alos	West Pas	Edward .	Wilson Co.	Louis	T-141-5-	Bertle Co.	Table Co. Co.	7440-0-	006	PERMIT	Con ETENATO	- 100	BOSLOW	SORT III	ART
Event Phase	MNEGOTY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Mincle	blifte	Water Volume bibling	Tutiena Presis psi(g)	in (#764)	hes	Cum Time has	Oil Daily bbliday	Total Hund biliha	DIF Crizm bibl	GICE	Water Cul	Mater Daily bbliday	Mater Curry bild	Load Recovery	Tertal Lits Crain bibl	Flared Gas Com MMscf	Bales Gas Com MMSCF	Total Gas Com MMSCF	GOR scfbbi	(ppps/ber)	Com FTPH(FTP (bbs/pst)	(psetkil)	(bblick(g)	(Hours'0.5)	179
Standard Work	7/2/19 7:00 PM 7/4/19 8:00 AM	(8:00) TFMC Begin RDMO to H10	0.00	0.00	0	0	3477	0	100	0.00	0.00	000	000	450	23000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	300	0.0	0.0		0.0	0.0	0
		(8.45) Complete 1502 Flowline Tie in and								1000		1 230	1000	300					1000			13.50			10000				
Standard Work	7/4/19 9:00 AM	(8:50) TFMC begins maintenence on equipment and parts.				1 -5			1.00	1.00	0.00	0:00	0.00	100	200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1000		214		0.0	10	0
Standard Work	716/19 10:00 AM	(10:00) Arp Testing arrives on location. Awaiting for Quale Trucking to arrive on location to fit lines as instructed prior. (10:40) Quale trucking arrives back on location.							1:00	2.00	0.00	0.00	0.00	45	-	680	0.00	10%	0.00	0.00	0.00	0.00	25		-32		0.0	1,4	0
		(10:50) TFMC begins high pressure lest (11:10) High Pressure line test complete. (11:15) TFMC begins pressure test on line pressure line.																					833						
Standard Work	7/4/19 11:00 AM	(11:30) Low Pressure Test complete. (11:35) TFMC rig upinsintenance completed. (11:35) HSSSSS High level was not							9.36	300	6.00	0.00	0.00			0.00	0.00	62%	0.00	0,00	0.00	0.00					0.0	1.7	
NPT	7/6/19 11:36 AM	Installed. TFMC installed prior to opening well							024	350	6.00	800	0.00	300	-	600	0.00	10%	9.00	5.00	0.00	0.00			74		00	1.9	D
Intel Product	71418 12:00 PM	(1230) Open wal to floar on a 2450° show with an CP of \$ 450 paight to 163050 transitiate Gas to Surface.	Europ !				3439	24	0.10	400	0.00	600	0.00	1000		0.00	0.00	0.0%	0.00	5.00	5.00	0.00		0.0	0.0		0.0	20	D
Initial Production	7/419 12:10 PM	(12:10) Oil to Production with a WHP of 2:297 perior on a 24/64" choke.					2297	24	0.50	4.17	0.00	5.00	0.00	400	092	0.00	0.00	0.0%	0.00	0.00	0.00	0:00	2506	0.0	0.0		0.0	2.0	D
Initial Production	7/4/19 1.00 PM		2.60	0.29	40	63	2867	24	0:10	5.00	960.00	103.00	40.00	35.52%	51.17%	1512.00	53,00 63,00	0.0%	103.00	010	0.01	0.12	2506.25	0,0	0.0	04	31.0	22 23	0
Wet Shutin	7.6/19 1:11 PM	(1:10) Well shull in due to 2" 1502 Gland Gasket leak on flowline. TFMC depressurbed line, Reported incident,							0.24	5.18	000	000	4000	5500		0.00	63.00	0.0%	103.00	510	D.31	017					0.0	23	0
		Replace Gasket, then proceeded with recruid overalloses.										1000			37				1000			25							
Initial Production	7/4/19 1:36 PM	(1:35) Open well up to flow on a 24/54" choke with a WHP of 3,477 paids					3477	24	0.25	5.50	0.00	0.00	40.00	Spann	100	0.00	82.00	0.0%	100.00	0.10	0.01	0.12	100	0.0	0.0		0.0	2.4	D
Initial Production Initial Production	7/4/19 2:00 PM 7/4/19 3:00 PM	(2:30) Increase choke to 28/64*	1.30	0.60	87	20	3068 2919	26	1:00	7.00	120.00	122.00	45.00 112.00		62,14% 45,08%	1320.00	141.00	0.1%	131.00	0.16	0.04	0.20	15625	0.0	0.0	0.3	3.0	2.0	D
Initial Production	7/419 4:00 PM	(4:30) Increase choke to 32/6/F Water Weight = 9.8 ppg OII API = 42.43 dt 50°F	2.69	0.36	93	56	2859	28	1:00	8.00	2232.00	149.00	205 00	0.0%	37.58%	(344,00	197.00	0.1%	402.00	0.36	0.07	0.45	1362 903206	0.1	0,1	0.3	72.0	2.8	D
Initial Production Initial Production	7/4/19 5/00 PM 7/4/19 6/00 PM	(6:30) Incresse choke to 36/64"	3.50	0.48	112	62 56	2512 2532	32	1:00	9.00	2688.00 2280.00	174.00 151.00		64.37% 62.01%		1486,00	259.00 315.00	0.2%	576,00 727.00	0.51	0.09	0.60	1369.047619	0.1	0.2	0.4	80.7 73.5	3.2	D
Initial Production	7/4/19 7:00 PM		3.91	0.60	117	60	2290	30	1:00	11.00	2808.00	177.00			33.90%	1440.00	375.00	0.2%	904.00	0.62	0.13	0.95	1606.125356	01	0.4	0.4	90.6	3.3	D
Initial Production	7/4/19 6:00 PM	(8:30) increase chose to 36/64" Water Weight = 9 6 ppg.	412	0.27	77:	63	7259	30	1:00	1200	1848 (0)	140.00	606.00	55.00%	45.00%	1912.00	436.00	0.5%	1044.00	0.00	0.14	1.13	2375.541126	0.1	0.5	0.7	59.0	3.5	D
Initial Production	7/4/19 9:00 PM	OE API = 42.43 @ 50°F	4.00	0.54	118	78	2153	38	1:00	13.00	2832 00	196.00	724.00	80.20%	39.80%	1872.00	516.00	0.3%	1240.00	1.16	0.16	1.32	1603 107345	0.1	0.0	05	91.4	3.0	D
Initial Production Initial Production	7/4/19 10:00 PM 7/4/19 11:00 PM	(12:30) Increase choice to 40/64*	427 423	0.25	125 94	60 67	2130 2029	38 40	1:00	1400 15.00	3050 00 2256 00	193.00	548.00 543.00		35.23% 41.01%	1632.00	584.00 651.00	0.4%	1433.00 1594.00	1.34	0.17 0.19	1.51	1506.966657 2034.574468	0.1	0.7	0.4	96.6 72.8	3.7	D
Initial Production	7/5/19 12:00 AM	(12:30) increase choice to 42/64" Water Weight = 9.6 pag OB API = 42.71 @ 60"F H26 = 0 pem	434	0.57	132	67	2109	40	1100	16.00	3168.00	109 00	1075.00	01.33%	33.67%	1008.00	718 60	0.4%	1793.00	159	0.21	1.90	1518.306081	0.1	0.9	04	102.2	40	D
Initial Production	7/5/19 1:00 AM 7/5/19 2:00 AM		4.96	0.40	144	72	1960	42	1.00	17.00	3456.00	218.00		55,67% 62,44%		1729.00	790.00 870.00	0.5%	2009 00	1.88	0.23	211	1440.972222	0.1	10	0.4	111.5	41	D
Initial Production	7/5/19 3:00 AM	(3:30) Increase choice to 44/64"	4.40	0.54	134	62	2000 1958	42	1:00	19:00	3216.00	196.00			31.63%	1486.00	932.00	0.6%	2418-00	2.25	0.27	2.53	1564.725368	0.1	1.2	9.5	103.7	44	0
Initial Production	7/5/19 4:00 AM	Water Weight = 9.6 ppg Oil API = 42.03 db 90°F	5.02	0.32	145	76	1925	44	1:00	20.00	3480 00	221.00	1631.00	65.81%	34.39%	1624.00	1008.00	0.0%	2639-00	2.48	529	2.75	1534.482759	01	14	0.4	1123	45	D
Initial Production	7/5/19 5:00 AM		4.00	0.40	120	73	1922	46	1:00	21.00	3072.00	201.00		53.60%		1752.00	1081.00	0.7%	2840.00	2.87	0.30	297	1712.230583	0.1	1.5	0.5	99.1	4.6	D
Initial Production Initial Production	7/5/19 6:00 AM 7/5/19 7:00 AM	(7:30) Increase choice to 45/64*	3.20 5.00	0.62	118	87	1922	44	1:00	22.00	2832.00 1534.00	164.00	1877.00		35.87% 53.37%	1984.00	1147,00	0.7%	3034.00	2.60	0.33	3.13	1348.670056	0,1	1.6	0.5	91.4 56.8	4.7	0
Initial Production	7/5/19 8:00 AM	Water Weight = 9,6 ppg	5.30	0.37	146	80	1829	45	1:00	24.00	3456.00	224.00	0.000	6120%	2000	1920.00	1214.00	0.0%	3411.00	3.23	0.36	3.50	1639.467503	0,1	1.9	0.5	111.5	4.9	0
Initial Production	7/5/19 0:00 AM	OE API = 42 20 @ 60°F	5.20	0.52	120	64	1778	46	1:00	25.00	3024.00	190.00			23,08%	1538.00	1378.00	0.9%	3601 00	344	5.58	3.62	1892 526455	0.1	20	0.6	97.8	80	D
Initial Production	7/5/19 10:00 AM		5.20	0.46	141	65	1771	46	1:00	26.00	3394.00	206-00		24		1560.00	1443.00	0.9%	3607.00	3,66	0.40	406	1673.756865	01	21	0.5	109-2 77-4	6.1	D
Initial Production	7/5/19 11:00 AM	Water Weight = 9.5 ppg	5.50	0.33	100	59	1823	-	100	27:00	2400 00	159-00	1000	- 123	37.11%	1416.00	1502.00	0.0%	2996-00	2.89	041	430	2427 083333	01	2.2	0.7	120 8	52	
Initial Production	7/5/19 12:00 PM	OI API = 42.25 @ 60°F H23 = 9 ppm	5.40	0.42	156	75	1833	-	100	28.00	3744.00	239 00	2620.00	57.53%	600	1704.00	1577.00	10%	4/97 00	412	0.43	454	1553.085867	01	2.5	0.4	130.1	53	
Initial Production Initial Production	7/5/19 1:00 PM 7/5/19 2:00 PM		5.50	0.45	167	72	1736	4	1:00	29.00	4008.00	239 00	2768.00	70.29% (9.87%	29.71%	1728.00	1720.00	11%	8075.00	457	0.40	5.03	1403.582236	0.1	2.5	0.4	129/3	6.5	D
Initial Production	7/5/19 3:00 PM	Manager and an	5.30	0.40	140	63	1762	46	1:00	31.00	3360-00	253.00	3016.00		21 00%	1512.00	1783.00	11%	4675.00	479	0.40	5.27	1722.01-0467	0.1	28	0.5	106.4	5.6	0
Initial Production	7/5/19 4:00 PM	Water Weight = 9:6 ppg Oil API = 42.15 @ 60"F	5.60	0.46	145	78	1569	45	1.00	32.00	3480.00	223 00		100000	3456%	1872.00	1981.00	12%	5101 00	5.02	0.50	5.50	1746 551724	0.1	2.7	0.5	112.3	5.7	0
Initial Production Initial Production	7/5/19/5/00 PM 7/5/19/6/00 PM		5.80 5.63	0.40	174	81	1790	46	1:00	33.00	417666	242.00	3414.00 3590.00		25.96% 27.27%	1464.00	1922.00	12%	5339.00 5576.00	5.00	0.52	5.77	1448.754789	0.1	28	0.4	134.7	5.7	0
Initial Production	7/5/19 7:00 PM		5.42	0.41	121	74	1890	46	1.00	35.00	314400	205.00			38 10%	1776.00	2082.50	13%	5753-00	5.71	0.56	627	1554,3257	01	31	0.5	101 A	10	0
Initial Production	7/5/19 8:00 PM	Water Weight = 9:6 ppg ORAPI = 42:27 88 60°F	5.69	0.42	150	74	1909	45	1:00	36.00	3816.00	233.00	3860.00	90.24%	31.76%	1778.00	2136.00	1.3%	6016.00	5.95	0.57	6.52	1501,15304	0,1	32	0.4	125.1	6.0	0
Initial Production	7:5:19 9:00 PM		5.83	0.41	118	73	1898	40	1:00	57.00	2832.00		3966.00				2309.00	146	6207.00	539	0.50	6.75	2253 389631	01	33	06	91.4	61	0
Initial Production Initial Production	7:5/19 10:00 PM 7:5/19 11:00 PM		5.75 5.84	0.39	154	75	1900	45	1:00	38.00	3636.00 4125.00	239.00 249.00		51.62% 51.08%		1800.00	2364.00	1.6%	8446.00 6895.00	5.05	0.61	7.04	1514 050388	01	3.5	0.4	127.0	6.2	0
Initial Production	2619 1200 AM	Water Weight = 9.0 ppg Oil API = 41.58 gt 60°F H28 = 0 ppm	5.64	0.50	146	78.	1902	46	1.00	10.00	3504.00	224.00	10000	0.19%	100000	1872 00	2439.00	15%	6919-00	6,91	054	7.55	1718 03453	0.1	3.6	0.4	103.0	8.3	D
Initial Production	7/5/19 1:00 AM	100	5.83	0.43	148	74	1906	45	1.00	41.00	3952.00	222 00			33.32%	1776.00	2513.00	1.0%	7141.00	7.15	0.66	7.81	1752.387387	01	3.7	0.4	1148	8.4	D
Initial Production Initial Production	7/6/19 2:00 AM 7/6/19 3:00 AM		5.85 5.82	0.42	164	70	1894	45	100	42.00	3432.00	219.00		70.00% 05.30%	29.31%	1632.00	2561,00 2657.00	10%	7373.00 7582.00	7.40 7.64	0.07	8.33	1592 987805 1629 83683	01	40	0.5	1107	60	D
Initial Production	7/5/19 400 AM	Water Weight - 9:6 ppg	576	0.45	151	80	1860	46	1.00	44.00	3624.00	231.00	5086.00		3463%	1920.00	2737 00	176	7823-00	7.86	0.71	8.50	1719 00-4923	0.1	41	0.4	118.9	0.6	D
Initial Production	7/6/19 5 00 AM	Ol API = 41.22 @ 607	5.61	0.47	147	80	1887	46	1:00	45.00	3628.00	227.00	5233.00	6178%	35.24%	1929.00	2817.00	1.7%	8050.00	8.12	0.73	8.85	1732 963197	0.1	43	0.5	112.8	6.7	0
Initial Production	7/6/19 6:00 AM		5.80	0.59	140	64	1888	46	1:00	46.00	3360.00	204.00	5373.00	61.62%	31,37%	1536.00	2861,00	18%	8254,00	8.36	0.75	9.11	1842.361905 1942.307692	0.1	4.4	0.5	100.4	6.0	0
Initial Production Initial Production	7/6/19 7:00 AM 7/6/19 8:00 AM	Water Weight = 9.6 ppg	5.60	0.45	130	71	1876	45	1:00	45.00	3120.00	211.00		61.53%		1704.00	3033.00	10%	8465.00	8.50	0.79	9.36	1867.283961	0.1	4.5	0.5	104.5	6.0	D
E-Mail 1 - Distriction	10.3 00.70	OF API = 43.34 (8 60°F		-	- 100	-			-	1	12.00	2000			1000	110100	-		10 1.00			200			1	-		-	

Initial Production Initial Production Initial Production	7/6/19 9:00 AM 7/6/19 10:00 AM 7/6/19 11:00 AM		5.60 5.60 5.60	0.46 0.48 0.50	140 155 140	75 70 61	1874 1877 1867	40 46 46	190	49 00 50.00 51.00	3729 00 3729 00 3576 00	215 00 231.00 230.00	5778-00 5933-00 5082-00	67.10%	32.90%	1800 00 1824.00 1944.00	3108:00 3184:00 3265:00	1.9% 2.0% 2.0%	9686 00 9117.00 9347.00	9.06 9.29 9.52	0.81 0.82 0.85	9.86 10.12 10.37	1802.063333 1628.225606 1706.616555	01 01	47 49 50	0,5 0.4 0.5	108.4 120.0 115.4	7.0 7.1 7.1	0
Initial Production	7/6/19 12:00 PM	Water Weight + 9.6 ppg OEAP1 + 41.79 @ 60°F	0.60	0.46	154	67	1863	45	190	52.00	3006.00	221.00	6256.00	2000	30,32%	1608.00	3332,00	2.1%	9558.00	976	0.00	10.62	1636.61039	0.1	51	04	119.2	73	0
Initial Production	7/6/19 1:00 PM	H2S = 0 ppm	5.60	0.46	143	80	1854	46	100	53.00	3432.00	223.00	5379.00	64.13%	35.87%	1920 00	3412.00	21%	9791.00	0.00	0.88	10.67	1762 800613	0.1	53	0.5	110.7	7.3	0
Initial Production	7/6/19/2:00 PM		5.60	0.47	156	71	1857	46	1:00	54.00	3744.00	227 00		68.72%		1704.00	3483.00	22%	10013.00	10.22	0.00	11.13	1021.290684	01	5.4	0.4	120.8	7.5	0
Initial Production	7/6/19 3:00 PM	The state of the s	5.60	0.45	154	71	1838	45	1.00	55.00	5696.00	225.00	66000.00	05.47%	31.56%	1704.00	3054.00	22%	10243.00	10.40	0.92	11.30	1636.904762	0.1	5.5	0.4	119.2	74	D
Initial Production	7/619 4 00 PM	Water Weight = 9 6 ppg	5.60	0.46	147	64	1830	46	100	56.00	3528.00	211.00	5636.00	00.67%	30.33%	1536.00	3618.00	22%	10454.00	10.69	0.94	11.60	1721.938775	0.1	5.7	0.5	113.0	7.5	0
	7/6/19 5 00 PM	OF API = 42.10 @ 60°F			144			-		0.0000000000000000000000000000000000000			6960.00	100000					10870.00		590	61.86	1752 863516	0.1	5.0	1	111.5	75	
Initial Production	7/6/19 6/00 PM		5.60 5.50	0.46	164	68	1838	- 45	1.00	57.00 58.00	3636.00	216.00		70.69%		1728.00	3/58.00	23%	10902.00	10.92	0.96	1213	1519.308943	01	59	0.4	127.0	7.8	0
Initial Production Initial Production	7/6/19 7:00 PM		5.60	0.44	143	71	1839	- 44	100	59.00	3432.00	214.00		06.62%		1704.00	3829.00	2.4%	11116.00	11:30	1 00	12.30	1756.90670	21	6.0	0.5	110.7	77	2
		Water Weight = 9.5 ppg		1								950	1000	100000000000000000000000000000000000000	100000000				1 - 3 6, 000							100000000000000000000000000000000000000		77	A STATE OF THE PARTY OF THE PAR
Initial Production	7/6/19 8:00 PM	OLAPI = 41.43 @ 60"F	5.50	0.60	155	80	1830	46	1.00	60.00	3730.00	295.00	7442.00	05.90%	34.04%	1920.00	3909.00	2.4%	11351.00	11.62	1.02	12.64	1012.903226	0.1	62	0.4	120.0		1
Initial Production	7/6/19 9:00 PM		5.60	0.58	104	72	1831	46	1.00	61.00	3936.00	236.00	7609.00	60.47%	30.51%	1728.00	3981.00	2.5%	11587.00	11.65	1.04	12.89	1570.121951	0.1	0.3	0.4	1270	7.6	0
Initial Production	7/9/19 10:00 PM		5.50	0.54	149	71	1828	46	1:00	62:00	3576.00	220.00	7755.00		32.27%	1704.00	4052.00	25%	11807.00	12.08	1.07	13.14	1689.038034	0.5	6.5	0.5	115.4	7.9	0
Initial Production	7/6/19 11.00 PM	Marie Marie Andreas	5.60	0.43	141	.00	1823	40	1.00	63.00	3384.00	210.00	7895.00	87.14%	32.86%	1856.00	4121.00	2.6%	12017-00	1231	108	13.40	1781.914894	01	66	0.5	109.2	7.0	0
Initial Production	7/7/19 12:00 AM	Water Weight = 9:5 ppg OF API = 42:03 @ 60°F H2S = 0 ppm	5.50	0.45	160	70	1823	46	100	91.00	3840.00	230.00	8056.00	09.57%	30.43%	1990.00	4191.00	2.6%	12247.00	12.54	1.10	13.64	1549.479167	0.1	67	04.	123.9	4.0	2
Initial Production	7/7/19 1:00 AM		5.50	0.50	158	71	1796	46	100	e5.00	3792.00	229.00	8214,00	09.00%	31,00%	1704.00	4262.00	2.6%	12476.00	12.77	1.12	13.69	1582-278461	01	69	04	122.3	8.1	0
Initial Production	7/7/19 2:00 AM		5.50	0.53	163	72	1822	40	1:00	66.00	3912.00	235.00	8377.00		30.64%	1728.00	4334.00	27%	12711.00	13.00	1.15	14.14	1541.411043	01	7.0	0.4	126.2	8.1	0
Initial Production	7/7/19 3:00 AM		5.50	0.51	150	70	1811	48	1.00	67 00	3600.00	220.00	8527 00	05.18%	31.82%	1650.00	4404.00	2.7%	12531.00	13.23	1.17	14 40	1555.646444	0.1	7.1	0,5	116.1	8.2	0
Initial Production	7/7/19 4:00 AM	Water Weight = 9.6 ppg OFAP1 = 41.76 @ 60°F	5.60	0.49	159	76	1816	46	1:00	65.00	3816.00	235.00	5686.00	67.66%	32.54%	1824.00	4480.00	2.8%	13166.00	13.46	6.19	14.05	1595,91195	0.1	73	04	123.1	0.2	D
Initial Production	7/7/19 S 00 AM		5.60	0.40	159	75	1819	46	1.00	69 00	3816.00	234.00	8845.00	67.95%	32.05%	1800.00	4555.00	2.8%	13400.00	13.70	5.21	14.90	1586 050314	0.1	7.4	0.4	123.1	8.3	0
Initial Production	7/7/19 6:00 AM		5.40	0.50	153	52	1610	46	1.00	70.00	3672.00	205.00	8998.00	74.63%	26.37%	1248.00	4607.00	29%	13605.00	13.02	125	15.15	1630.718954	01	7.5	0.5	1185	8.4	0
Initial Production	7/7/19 7:00 AM	and the same of	5.50	0.46	132	77	1809	46	1:00	71.00	3165.00	209.00	9130.00	63 10%	36.64%	1848.00	4684,00	2.0%	13814.00	14.15	1.25	15.40	1892 045455	0.1	7.6	0.5	102.2	8.4	0
Initial Production	7/7/19 8:00 AM	Water Weight = 9 6 ppg Oil API = 42.26 db 60°F	5.50	0.50	166	71	1807	40	1.00	72.00	3984.00	237.00	16254L00	70.04%	29.90%	1704.00	4755.00	30%	14061.00	1438	1.27	15.65	1505.773092	0.1	7.8	0.4	128.5	8.5	D
Initial Production	7/7/19 9:00 AM	OI AFT = 42.20 SE SOF	5.30	0.51	141	79	1802	48	1.00	73.00	3384.00	213.00	9437.00	05.20%	33.80%	1728.00	4827.00	3.0%	14264.00	14.00	1.29	15.09	1716 903073	01	79	0.5	100.2	8.5	0
Initial Production	7/7/19 10:00 AM		5.40	0.47	141	71	1797	46	1:00	74.00	3384.00	212.00		00.51%		1704.00	4896.00	3.0%	14476.00	14.82	1.31	1614	1735.520005	0.5	8.1	0.5	109.2	0.0	0
Initial Production	7/7/19 11.00 AM		5.40	0.60	131	76	1807	48	1.00	75.00	3144.00	207.00		83.29%		1824.00	4974 00	31%	14683.00	15.05	133	16.38	1877.862595	01	81	0.5	101.4	0.7	0
Initial Production	7/7/19 12:00 PM	Water Weight = 9.6 ppg Oil AFI = 41.76 @ 60°F H25 = 0 ppm	5.50	0.41	164	81	1797	46	1:00	76.00	3930.00	228.00	9873.00	1000000	28.07%	1530.00	5035.00	31%	14911.00	15.28	1.35	1640	1500 762195	0.1	43	04	127.0	8.7	D
Initial Production	7/7/19 1:00 PM	rico = O ppm	5.30	0.50	143	56	1783	AS	100	77.00	3432.00	198.00	10016.00	72.22%	27.78%	1320.00	5093.00	32%	15109 00	15.50	1.37	16.67	1706 585082	0.1	8.5	0.5	110.7	8.8	D
Initial Production	7/7/19 2:00 PM		5.40	0.45	147	60	1782	45	1:00	78.00	3625.00	216.00		68.06%		1856.00	\$162.00	3.2%	15325-00	15.72	1.59	17.12	1857.312925	01	8.6	0.5	113.5	8.0	0
		(3:00) "'4 Consecutive hours below	9.5	1000			1	1000		100000000000000000000000000000000000000		1100000	100000	1500			100000		100000000000000000000000000000000000000				1000000		S avison	TO STATE OF	30.3978.30	DOMESTIC OF	ALTO UNITED IN
Initial Production	7/7/19 3:00 PM	05%** Decrease choke to 44/64"	5.30	0.62	136	76	1778	45	1:00	79.00	3264.00	212.00	10299.00	64 15%	35.65%	1824.00	5238.00	334	15537 00	15.95	1.41	17:36	1783.394908	01	8.7	0.5	105.3	8.9	0
Initial Production	7/7/19 4:00 PM	Water Weight = 9:5 ppg Oil API = 42:25 db 60°F	5.30	0.46	142	60	1631	44	1:00	80.00	3408.00	202.00	10441.00	70.30%	29.70%	1440.00	5296.00	3.3%	15739-00	16.17	1.43	17.60	1696 889671	0.1	8.6	0.5	109.9	0.9	D
Initial Production	7/7/19 5:00 PM	(5:00) Decrease choke to 42/64"	5.20	0.50	145	76	1859	44	1:00	81.00	3480.00	221.00	10586.00	85.61%	34.30%	1824.00	5374.00	3.3%	15960.00	16.38	1.48	17.84	1636.494253	01	8.0	0.5	1123	90	D
Initial Production	7/7/19 6:00 PM		490	0.50	132	67	1920	42	1:00	82.00	3168.00	199.00		66.53%	33.67%	1608.00	5441.00	3.4%	16159.00	16.59	1.48	18.06	1704.545456	0.1	8.4	0.5	102.2	9,1	D
Initial Production	7/7/19 7:00 PM	(7:00) Decrease choke to 40/6/6"	4.90	0.61	142	62	1919	42	1100	83.00	3408.00	204.00	10860.00	09.61%	50,39%	1488.00	5503.00	3.4%	16363.00	16.79	150	18.29	1587 441315	0.1	6.5	0.5	109.9	9.1	D
Initial Production	7/7/19 8:00 PM	Water Weight = 9.6 ppg Oil API + 41 66 db 60°F	4.80	0.54	131	81	1897	40	1:00	84.00	3144.00	192.00	10001.00	08.23%	31,77%	1464.00	5564.00	3.5%	16535 00	16.98	1.52	18.50	1634 860051	0.1	8.7	0.5	101.4	9.2	D
Initial Production	7/7/19 9:00 PM	(9:00) Decrease choke to 38/64"	450	0.65	141	66	1916	40	1:00	85.00	3364.00	207.00	11132.00	60.12%	31.00%	1584.00	5630.00	3.6%	16762.00	17.17	154	18.71	1402.316789	01	8.7	0.5	109.2	0.2	D
Initial Production	7/7/19 10:00 PM		430	0.57	93	50	1986	38.	1.00	86.00	2232.00	152.00		61 18%	38.82%	1416.00	5686.00	35%	16914.00	17.35	157	18.92	2181 809042	0.1	8.5	0.7	72.0	9.3	0
Initial Production	7/7/19 11:00 PM	(11:00) Decrease choke to 36/64" Water Weight = 9:5 pog	4.50	0.54	111	50	2046	38	100	87 (00)	2064.00	160 00		55.68%		1302.00	5747.00	16%	17063.00	17.54	1.50	19.13	1891 891892	0.1	8.3	0.5	85.9	9.3	0
Initial Production	7/8/19 12:00 AM	OI API = 41.91 @ 60°F H2S = 0 com	4.10	0.58	133	57	2085	36	1:00	88.00	3192.00	190.00	10,000	70.00%	100000	1968.00	5804.00	36%	17273.00	17.71	161	19.32	1406 165414	0.1	8.3	04	103,0	9.4	D
Initial Production	7/8/19 1:00 AM	(1 00) Decrease choke to 3464"	4.20	0.52	130	58	2000	36	1.00	89 00	3120.00	168.00		89,15%		1392.00	5862,00	3.6%	17481.00	17.68	1.04	19.52	1912.820513	0.1	8.4	0.4	100.6	9.4	0
Initial Production	7/8/19/2:00 AM	(2:00) Decrease choke to 32/64"	3.90	0.54	85	54	2086	34	1:00	80.00	2043.00	139.00		61.15%		1296.00	5916.00	3.7%	17600.00	18.05	1.00	19.70	2176.470586	0.1	8.4	0.7	85.8	9.5	0
Initial Production	7/8/19 3:00 AM 7/8/19 4:00 AM	(3:00) Decrease choke to 30:64* (3:00) Decrease choke to 26:64	3.60	0.65	107	50	2211	- 2	1:00	91.00	2568.00	167.00		70.83%	31.05%	1200.00	5966 DO 6008 DO	3.7%	17757.00	18.33	1.00	19.58	1807.352941	0.1	7.6	0.5	79.0	9.5	0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		*Water Weight = 9.6 ppg Oil API = 41.81 gb 607			100	-	100	30	130	22:00		-	11002.00	ruson	29.17%	300.00	00,600	2/4		10.33		1000				0.5	N STORY	1536	-
Initial Production	7/8/19 5:00 AM		3.09	0.53	66	.44	2564	26	100	83.00	1584.00	110.00		60.00%		1056.00	5052.00	3.8%	19011.00	18.48	1.72	20.20	2059.722222	0.0	7.0	0.6	91.1	9.0	
Initial Production	7/519 6:00 AM		2.00	0.57	65	30	2738	29	1:00	54.00	1560.00	95,00	12024.00	55.42%	31.58%	730.00	6062.00	3.0%	18106.00	10.59	1.75	20.34	2031.410256	0.0	0.6	0.5	50.3	9.7	0
Flowback operations complete	7/6/19 7:00 AM	(7:15) Turned over on a TFMC 28/64" choke to Production 24/64" choke at 2,539 guilg). Manifold sand sample = 0.01%					2539		0,00	95.00	2016.00	133.00	12100.00	63.10%	30.54%	1176.00	8131.00	3.8%	18239-00	18.71	1.77	20.48	1730 15673	0.1	7,2	0.5	95.0	9.7	D

REFER TO COMMENTS ON CELLS FOR GUIDANCE

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

FRAC JOB	SUMMARY	
e Frac Job	Hydraulic Frac	
TAL Clean Fluid Pumpes	120,511	BBLS
TAL Sand Pulnishil	6,599,791	LBS
posed # Stages	31	Stages
cline # Stages	31	Stages

		B. Carlotte									-				The second													1001	AME
Event Pluse	MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate Mileseld	Oil Volume bbilter	Water Volume biblishr	Tubing Press psilgs	Choke Size in (# /64)	Duration	hrs.	Oil Daily bblittay	Total Fluid 6867er	Dil Curri bibl	Ol Cut W	Vater Cut 1	Mater Daily bibliday	Water Curry bbl	Load Recovery	Total Liq Cum	Flared Gas Cum Millscf	Sales Gas Curn MMSCF	Total Gas Cure MMSCF	GOR	BEP91FTP (bbfs/psi)	Cam FTPHFTP (bht/psi)	(purbh)	BOIStace (bblusty)	SQRT (8) (Hours *0.5)	ASVT
	7/11/19 7:40 PM	Report start time	0.00	0.00	0		2629		0.00	2	0.00	.0	0	REAL PROPERTY.	AND DESCRIPTION OF		0	0.0%	0	0.00	0.00	0.00		0.0	00	The same of	0.0	0.0	D
Chandred Week	7/8/19 7:00 AM	(7:01) TFMC Begin Maintenance:							400	-			000			-	244	-		-	-	1				To a constant	0.0		
Standard Work	21619750768	breaking apart 2" 1502 Flowline to replace 2" Gland Gaskets.		12 13					1,00	0.00	0.00	0.00	0.00	4000	2000	0.00	8.00	0.0%	0.00	0.00	0.00	0.00	455		-	25.44	0.0	0.0	
Standard Work	7/8/19 8:00 AM				10000				1.00	1.00	0.00	0.00	0.00	MARCH	9501	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	2000		10000	1948	0.0	1.0	D
Standard Work	7/8/19 9:00 AM	(9:45) TFMC completes flowline maintenace and rig up.	18		-		1000		1:00	2.00	0.00	0.00	0.00	200	4000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1	1000	111000	The same of	0.0	1.4	0
Standard Work	7/8/19 10:00 AM	(10:00) Arp Testing arrives on location.							1:00	3.00	0.00	0.00	0.00	Hore 3	24345	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	- 100		2554	4.000	0.0	17	D
		(10:45) Quale Truck fills 2"1502 lines. (11:15) Arp begins pressure test on high				1000	1 8 00			100000		100			0339							777			100000				
Standard Work	7/8/19 11:00 AM	pressure line.							1:00	4.00	0.00	0.00	0.00	18/94 9	5992 - 3	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	B-07	NO SECTION	100000	2000	0.0	20	D
		(11,30) Pressure Test completed (12,00) Quale Trucking fills in low						13.00		100000		10000		300	300	50000	723					10000				1 11 20			
One desired think	7000 4700 04	pressure line.										7		1000	226		200					444	10000		100000	1	1		-
Standard Work	7/8/19 12:00 PM	(12:15) Arp testing begins low pressure test.							1:00	5.00	0.00	0.00	0.00	DALLA	100	0.00	0.00	0.0%	0.00	0.00	9.00	0.00	100000		100000	1000	0.0	22	
		(12:45) Pressure test completed (1 00) TFMC over well to flow on a 34:54"										1000	1200	2000	253	1000	200								1000000	1 1000 1	- Land 300		
Initial Flowback	T/8/19 ± 00 PM	shoke with an IOP of 3,630 paigs to					3058		0:06	6.00	0.00	0.00	0.00	3535	min I	0.00	- 000	0.00	0.000	0.00	400	000	and the	0.0	00	100000	0.0	24	0
		HIDCOS Immediate Das and Oil to			12				0.00	-		0.00	0.00	2000	7000	0.00	0.00	0.0%	0.00	0.00	0.00	000			-	1000	-	100	
Initial Production	7/8/19 1:06 PM	(1:06) Oil to Production on a 24/64" choke					2430	14	0.54	8.10	0.00	0.00	0.00	G-222 19	Traca 1	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	100000	0.0	0.0	1000	0.0	25	0
Initial Production	7/8/19 2:00 PM	with a WHP of 2,430 pai(q)	1.00	0.00	-	-	2022	24	100	7.00	1416.00	112.00	59.00	52.55%	AT 2204		53.00	80%	112.00	0.00	0.00	0.06	968.700565	0.0	00	11	45.7	26	
Initial Production	7/8/19 3:00 PM	(3:00) Increase choke to 28/64*	1.30	0.44	61	72	2463	24	1:00	8.00	1464.00	133.00	120.00		47.32% 54.14%	1772.00	125.00	01%	245.00	0.11	0.02	0.13	1167,84153	0.1	0.1	0.0	472	28	D
Initial Production	7/8/19 4 00 PM	Water Weight = 9,9 ppg	1.70	0.50	75	80	2420	20	1:00	9.00	1800.00	155.00	195.00	48.39%	51.61%	1920.00	205.00	0.2%	400.00	C18	0.04	0.22	1221 111111	01	0.2	0.8	58.1	30	D
Initial Production	7/8/19 5:00 PM	Oli API = 44.07 @ 60°F (5:00) increase choix to 32/64°	1.90	0.32	91	72	2422	28	1:00	10.00	2184.00	163.00	286.00	55 83% A	44,17%	1728.00	277.00	0.2%	563.00	0.26	0.05	0.31	1016.941392	0.1	0.2	08	70.5	3.2	D
Initial Production	7/6/19 6:00 PM		1.90	0.33	97	78	2307	32	1.00	11.00	2326.00	175.00	363.00	55.43%	44.57%	1872.00	365.00	0.3%	738.00	0.34	0.07	0.41	967.9037801	01	0.3	07	75.1	3.3	D
Initial Production	7/8/19 7:00 PM	Water Weight = 9.8 pog	2.80	0.25	129	90	2350	32	1.00	12.00	3096.00	219.00	512.00	58.90%	41.10%	2160.00	445.00	0.4%	957.00	0.46	0.06	0.53	985.1421189	0.1	0.4	0.5	99.9	3.5	D
Initial Production	7/8/19 8:00 PM	OII API = 43.30 @ 60°F	2.90	0.31	86	79	2374	32	1:00	13.00	2064.00	165.00	595.00		47,68%	1596.00	524.00	0.4%	1122.00	0.58	0.09	0.67	1555 232558	0.1	0.5	0.7	80.6	3.0	D
Initial Production	7/8/19 9:00 PM	(9:00) Increase choke to 36/64*	2.60	0.69	100	79	2349	32	1:00	14 00	2400.00	179.00	596.00		44.13%	1696.00	800.00	0.5%	1301 00	0.09	0.12	0.61	1370 833333	01	0.6	9.0	77.4	37	0
Initial Production Initial Production	7/8/19 10:00 PM 7/8/19 11:00 PM		320	0.37	131	88	2298 2076	36	1.00	15.00	2304.00 3144.00	181.00	794.00 925.00		48.96% 40.18%	2040.00	688.00 776.00	0.5%	1482 00 1701 60	0.82	0.13	110	1549.470167 1141.857506	01	0.6	07	74.3	40	D
		Water Weight = 9.9 ppg	1 24	-			2010	-		1000					10.100	2112.00	11400								100000		10.00		
Initial Production	7/9/19 12:00 AM	Oli AP1 = 42.85 @ 60°F H2S = 0 ppm	3.10	0.58	122	74	2030	30	1:00	17.00	2928.00	100.00	1047.00	62,24%	37.76%	1776.00	650.00	07%	1807.00	1.08	0.18	1.26	1256.830601	0.1	0.9	0.6	94.5	4.1	D
Initial Production	7/9/19 1.00 AM	(1:00) Increase choke to 38/64"	3.10	0.66	120	85	2139	36	1.00	18 00	2680.00	206.00	1167.00	58.54% 4	41,46%	2040.00	.605,00	0.7%	2102.00	1.21	0.21	1.41	1305.956856	01	1.0	0.6	92.9	4.2	D
Initial Production	7/9/19 2:00 AM		3.00	0.83	130	83	1975	38	100	19.00	3120.00	213.00	1297.00		38,97%	1992.00	1018.00	0.6%	2315.00	135	024	1.57	1227 564103	as	12	0.6	100.6	4.4	D
Initial Production	7/9/19 3:00 AM	(3.00) Increase choke to 40/64* Water Weight = 9.8 ppg	3.10	0.71	117	91	1920	38	1:00	20.00	2906,00	206,00	1414.00	330000	43.75%	2184.00	1109.00	0.9%	2523.00	1.46	0.27	1.73	1366.637607	0.1	13	0.7	90.6	45	0
Initial Production	7/9/19-4:00 AM	Ol API = 42.71 @ 60°F	3.70	0.64	124	82	1869	40	1,00	21.00	2976.00	206.00	1538 00	255000	39.81%	1968.00	1191.00	0.9%	2729.00	1.62	0.30	1.91	1458.333333	0.1	1.5	67	96.0	46	D
Initial Production Initial Production	7/9/19 5:00 AM 7/9/19 6:00 AM	(5.00) Increase choke to 42/64"	3.90	0.44	122	104	1890	40	100	22.00	2925.00	207.00	1790.00	20.220	40.45%	2040.00	1300.00	1.1%	2935.00	1.78	0.32	210	1499/31094	01	12	07	94.5	47	D
Initial Production	7/6/19 7:00 AM		3.90	0.43	127	69	1856	42	1:00	24.00	3048.00	196.00	1907.00		35.20%	1656.00	1449.00	1.1%	3356.00	210	0.36	2.26	1420.603075	01	1.8	0.7	98.3	49	D
Initial Production	7/9/19 5:00 AM	Water Weight = 9.5 ppg	410	0.39	133	77	1814	42	1:00	25.00	3192.00	210.00	2040.00	07-10-1	36.67%	1848.00	1526.00	12%	3566.00	2.28	0.37	2.64	1406.954687	01	20	06	103.0	50	D
Initial Production	7/9/19 9:00 AM	Oil API + 42.44 @ 60°F	4.10	0.50	-86	91	1804	40	1:00	26.00	2064.00	177.00	2126.00	48.50% 5	51.41%	2184.00	1617.00	13%	3743.00	2.45	0.30	2.84	2227.713178	0.1	2.1	1.0	06.0	51	D
Initial Production	7/9/19 10:00 AM	(10:00) Increased choice to 44/64"	4.10	0.46	124	77	1884	42	1:00	27.00	2976.00	201.00	2250.00	61.60% 3	38.31%	1648.00	1694.00	1.3%	3944.00	2.62	0.41	3,03	1531.922043	01	21	0.7	96.0	5.2	D
Initial Production	7/9/19 11:00 AM	Management and an	4.20	0.43	146	77	1736	-44	1:00	28.00	3504.00	223.00	2396.00	(5.47%)	34.53%	1848.00	1771.00	1.4%	4167.00	2.79	0.43	3.22	1320.205479	01	2.4	0.6	113.0	5.3	D
Initial Production	7/9/19 12:00 PM	Water Weight = 9:0 ppg OiLAFL = 42:16 @ 60°F	4.20	0.43	133	82	1720	44	1.00	29.00	3192.00	215.00	2629 00	61.80% 3	38.14%	1968.00	1863.00	1.6%	4382.00	2.97	2.44	3.41	1448.934837	01	2.5	0.7	103.0	5.4	D
	7/9/19 1:00 PM	H2S = 0 ppm			-					100000																			
Initial Production Initial Production	7/9/19 2:00 PM		4.30	0.37	148	63	1779	44	1:00	31.00	3240.00 3652.00	229.00	2664.00		41.05%	1992.00	3030.00	1.0%	4811.00 4842.00	3,15	0.46	3.60	1441.975309	01	2.7	0.6	104.5	5.5	0
Initial Production	7/9/19 3:00 PM		4.30	0.44	133	88	1756	44	1.00	32.00	3192.00	221.00	2945.00			2112.00	2118.00	1.7%	5063.00	3.50	0.50	4.00	1483.39509	01	2.0	0.7	103.0	5.7	D
Initial Production	7/9/19 4:00 PM	Water Weight = 9:8 ppg Oit API = 42:98 ab 60°F	4.30	0.43	141	83	1766	44	1:00	33.00	3384.00	224.00	3086.00	62,95% 3	37.05%	1992.00	2201.00	1.7%	5267.00	3.00	0.52	4.19	1307 754137	0.1	3.0	Co	109.2	5.7	D.
Initial Production	7/9/19 5:00 PM	DIN1-1280 82 10 7	4.40	0.41	138	84	1773	44	100	34.00	3312.00	222.00	3224.00	62:10% 3	37.84%	2016.00	2295.00	10%	5509.00	3.55	0.53	439	1452.294586	0.1	31	06	106.8	5.8	D
Initial Production	7/9/19 6:00 PM		430	0.41	115	89	1763	44	(00)	35 00	2760.00	204.00	3339 00		43.83%	2138,00	2374.00	1.9%	5713.00	4.04	0.55	4.50	1706.521739	0.1	3.2	0.5	89.0	5.9	D
Initial Production	7/9/19 7:00 PM	Water Weight + 9.6 ppg	4.20	0.42	165	80	1800	-44	1.00	36.00	3960.00	245.00	3504.00	3717500 200	32.65%	1920.00	2454 00	19%	5958 00	4.22	0.57	4.78	1166.800087	01	3.3	0.5	127.7	0.0	D
Initial Production	7/9/19 8:00 PM	Oil AP1 = 42.16 db 60"F	4.30	0.42	136	83	1735	44	1.00	37.00	3264.00	219.00	3640.00		37.90%	1992.00	2537.00	2.0%	6177.00	4.40	0.58	4.98	1446 078431	Qt	3.6	0.6	105.3	0.1	D
Initial Production Well Shut in	7/9/19 9:00 PM 7/9/19 9:56 PM	SIMP + 1,722	4.20	0.44	136	79	1719	44	0.66	38.93	3312.00 3504.00	217.00	3778.00		36.41% 34.53%	1895.00	2616.00	21%	6304.00	4.57	0.60	5.17 5.17	1400:996184	01	3.7	0.6	108.8	6.2	D
TYPE DESCRIPTION	100 10 0,000 1 00	(9:56) Roads are closed due to weather				-	1744		0.01	30.50	330100	220,00	3024.00	10.41%	21.00%	1040.00	2000	- 10	0017.00	4.01	0.00	411				-	1130		
NPT	7.9/19 9:57 PM	conditions all Frac tanks are full.					1722		0.03	36.96	0.00	0.00	3924.00	100	HE O	0.00	2693.00	21%	8617.00	457	0.60	5.17	N. CO.	00	28	50.970	0.0	62	0
NPT	7/9/19 10:00 PM						1725		1:00	39.00	0.00	0.00	3924 00	124 1	763	0.00	2653.00	21%	0017.00	457	0.00	5.17	100000	00	3.0	Miles 1	0.0	62	D
NPT	7/9/19 11:00 PM						3160		1:00	40.00	0.00	0.00	3924 00	Street or	ARCH TO	0.00	2613.00	21%	6617.00	457	0.60	517	10000	0.0	21	THE MARCH	0.0	6.3	D
NPT	7/10/19 12:00 AM	1 2				1	3210		1:00	41 00	0.00	0.00	3924.00	1990	707	0.00	2603.00	21%	8017.00	4.57	0.60	5.17	1000	0.0	21	100000	0.0	64	0
NPT NPT	7/10/15 1:00 AM 7/10/19 2:00 AM						2272		1:00	42.00 43.00	0.00	0.00	3904.00	9000	1000	0.00	2693.00	21%	6017.00	4.57	0.60	5.17	William !	0.0	20	10000	0.0	6.0	0
NPT	7/10/19 2:00 AM						3884		100	44.00	0.00	0.00	3924.00	2002	1955	0.00	2693.00	21%	6017,00	457	0.60	5.17	2 18512 3	0.0	1.0	S. Harden	0.0	6.0	D
NPT	7/10/19 4:00 AM					1	3374		1100	45.00	0.00	0.00	3924.00	Alle 1	997	0.00	2603.00	21%	6517.00	4.57	0.60	5.17	1000	0.0	2.0	1 301/9/25	0.0	67	D
NPT	7/10/19 5:00 AM						3461		100	45.00	0.00	0.00	3024.00	OPER IN	330	0.00	2693.00	21%	6017.00	4.57	0.60	5.17	100000000000000000000000000000000000000	0.0	1.0	13000	0.0	6.8	D
NPT NPT	7/10/19 6:00 AM 7/10/19 7:00 AM						3536 3636		100	47.00 48.00	0.00	0.00	3924.00	THE PARTY OF	1	0.00	2693.00	21%	6517.00	4.57	0.60	5.17	200	0.0	10	BARRE!	0.0	6.9	0
NPT	7/10/19 E:60 AM						3639		100	49.00	0.00	0.00	3924.00	Steel 2	96.5	0.00	2693.00	21%	6817,00	4.57	0.60	5.17	0.70	0.0	18	900	0.0	7.0	D
NPT	7/10/19 9:00 AM						3636		1:00	50.00	0.00	0.00	3924.00	MAR. B	14.7	0.00	2683.00	21%	6517.00	4.57	0.60	5.17	13030	0.0	1.0	STATE OF	0.0	7.1	D
NPT	7/10/19 10:00 AM						3636		100	51.00	000	0.00	3924.00	1975	358	0.00	2693.00	21%	6617.00	4.57	0.60	5.17	1 1922 8	0.0	1.8	100000	0.0	71	D
NPT NPT	7/10/19 11:80 AM 7/10/19 12:00 PM						3780 3724		1:00	52.00 53.00	0.00	0.00	3924.00	Server S		0.00	2693.00	21%	6617,00	457 457	0.60	5.17	1 10000	0.0	10	-	0.0	72 73	D
NPT	7/10/19 1:80 PM						3748		190	54.00	0.00		3924.00		46.00	0.00	2693.00	21%	-6617,00	457	0.60	5.17	100000	0.0	1.8	March	0.0	73	D
		(2:90) Road Restrictions lifted. (2:50)								1000		105500	10000	DITE -		3330	6 19				1000	A PARTY OF THE PAR	10000000		1 3 1 2 3 1 3 1	1 1999	100000		0
NPT	THE P.	Quale Trucking errives on location to					2200		1000		0.00	1	200.00	Later 1	63.0	0.00	2407.00	440	ARTE OF	1	5.00	4.0	1000000	-			1	44	D
me i	7/10/19 2:00 PM	empty tanks for flowback. TFMC will proceed with normal flowback					2749		1.00	55.00	0.00	0.00	3924.00	Take a	10.0	0.00	2693.00	2.1%	6617.00	4.57	0.60	6.17	400	00	10	477	0.0	7.4	
		operations once I tanks are emptied.								1		1	153	5. 10. 1	1							3	100000		15000	1			100
		(5:08) Quale Trucking arrives on					1			100		1	15.0	OF 15			-				0.00	Contract of	1		10000	The Party	-	11	191
NPT	7/10/10 2:00 PM	location to empty tanks for Production. (2:07) Quale Trucking					3782		100	56.00	0.00	0.00	3024.00	12 1	and the	0.00	2993.00	21%	8617.00	4.57	0.60	5.17	NOTE !	0.0	1.7	site	0.0	7.5	D
		arrives on location to empty tanks for					-			100000		1000	130	Final C		139	775	263				3 3 3				1	and the same		-
NPT	7/10/19 4:00 PM	Bineback, (2nd Truck)					2790		1.00	57.00	0.00	0.00	3924.00	Maryle L	3934	0.00	2093.00	2.1%	6617.00	457	0.60	5.17	1 - 2000	00	1.7	CANDO.	0.0	75	D

NPT	7/10/19 5:00 PM						3798		- 0.95	58.00	0.00	0.00	3624.00	Service	400	0.00	2693.00	21%	6617.00	457	0.60	5.97	100000000	0.0	1.7	250	00	7.0	0
Infall Flowback	Prioris & 35 PN	(5:35) TFMC Open wall to have on a 4454* Orose with a WHP of 3:790 persy) to wiscosts increadate Gos to Signeral					3790	*	0:10	58,58	0.00	0.00	3024.00	104	200	0.00	2693.00	2.1%	6617.00	457	0.60	5,17	and I	0.0	1.7	1336	00	77	0
Initial Production	7/10/19:5:45 PM	(5:45) Oit to Production on a 44/54" choire with a WHP of 1,747 onl/o).					1747	44	015	58.75	0.00	0.00	392400	A750	And .	0.00	2503.00	21%	6617.00	457	0.60	5.17	Desire.	0.0	3.8	200	0.0	7.7	D
Initial Production	7/10/19 6:00 PM	Sent a serie of 1.742 design.	4.70	1.11	0		1367	44	1.00	59.00	0.00	0.00	3924.00	2000	400	0.00	2693.00	2.1%	6617.00	4.77	0.85	5.42	E2011	50	40	475	00	77	0
Initial Production	7/10/19 7:00 PM	(7 00) Decrease choke to 42/64"	3.90	1.17	153	AO.	1658	44	1:00	80.00	3672.00	235.00	100000000000000000000000000000000000000	65.11%	34.00%	1968.00	2775 00	22%	6862.00	490	0.70	563	1380 718064	0.1	4.1	0.6	118.0	77	D
		Water Weight = 9.5 ppg		100		-				100		100000	100000000000000000000000000000000000000	2000	2000		100000								1000				2
Initial Production	7/10/19 8:00 PM	OLAFF = 42.44 @ 80°F	4,10	1.10	160	59	1806	42	1:00	91.00	3540.00	249.00	4237.00	04.26%	35.74%	2136.00	2894,00	23%	7101.00	5.10.	0.74	5.54	1354 189667	0.1	0.9	0.5	123.9	7.8	0
Initial Production	7/10/19 9:00 PM	(9:00) Decrease choke to 40/64*	4.10	1.10	135	90	1825	42	1:00	62.00	3240 00	225.00	4372.00	50.00%	40.00%	2160.00	2954.00	23%	7326.00	5.27	0.79	6.08	1604.938272	DI	AD	0.8	104.5	7.9	0
Initial Production	7/10/19 10:00 PM		4:30	1.00	119	97	1893	40	1.00	63.00	2856.00	215.00	4491.00	55.09%	4191%	2326.00	3051.00	24%	7542.00	5.45	0.83	6.28	1615.742297	0.1	4.0	0.7	92.1	7.9	D
Initial Production	7/10/19 11:00 PM	(11 00) Decrease chake to 38/64" Water Weight = 9.8 ppg	4.40	1.00	120.	76	1899	40	1100	04.00	2880.00	195.00	4611.00	61.22%	38.78%	1824 90	3127.00	25%	7738.00	5.63	0.87	6.51	1875	01	4.1	0.7	92.9	8.0	D
Initial Production	7/11/19 12:00 AM	Oli API = 42.21 @ 60°F H2S = 0 ppm	4.30	0.96	311	80	1930	30	1:00	85.00	2004.00	191.00	4722.00	5612%	41.60%	1920.00	3207.00	25%	7929.00	5.81	0.91	6.73	1974 474474	01	43	0.7	85.9	8.1	0
Initial Production	7/11/19 1:00 AM	(1 60) Decrease choke to 36/54°	3.50	0.00	98	112	1809	-38	1:00	95.55	2552:00	210.00	4820 00	45.57%	63.33%	2658.00	3319.00	2.0%	8139.00	5.96	0.96	891	1853.741497	0.1	63	0.8	75.9	8.1	D
Initial Production	7/11/19 2:00 AM		3.60	0.65	104	86	2145	36	100	67.00	2496.00	150.00			45.26%	2064.00	3405.00	27%	8329.00	6.11	0.98	7.08	1702.704350	0.1	3.9	0.7	80.5	8.2	D
Initial Production	7/11/19 2:00 AM	(3'00) Decrease choke to 32/64"	3.70	0.51	79-	79	2024	36	1:00	98.00	1896.00	156.00	5003.00	50.00%	50.00%	1896.00	3454.00	25%	8487.00	6.26	1.00	7.26	2220.464135	0.1	42	1.0	01.2	8.2	0
Initial Production	7/11/19 4:00 AM	Water Weight = 9.5 ppg	3.30	0.33	92	70	2036	90	100	89.00	2208.00	182.00	5095.00	-	43.21%	1650.00	3654.00	28%	8649.00	6.40	101	7.41	1639.402764	0.1	42	0.8	71.2	9.3	0
		OI AFI = 42.21 dt 80°F		0.32	- 42	-100		-					100000000000000000000000000000000000000																
Initial Production	7/11/19 5:00 AM	(5.00) Decreese shoke to 26/64"	3.30	0.33	68	68	2258	32	1:00	70.00	1632.00	136.00	5163.00		50.00%	1832.00	3622.00	29%	8785.00	8.54	1.02	7.56	2224.254706	01	3.9	1.0	52.6	6.4	D
Initial Production	7/11/19 6:00 AM		2.50	0.45	48	46	258A	28	1.00	71.00	1632.00	114.00	5231.00	59.65%	40.35%	110400	3668.00	29%	16809.00	11.64	1.04	7.68	1807 598039	0.0	3.4	0.6	52.6	5.4	D
Initial Production	7/11/19 7:00 AM	Indiana de la constante de la	2.50	0.40	74	56	2587	.26	1:00	72.00	1776.00	130.00	5305.00	56.92%	43.06%	1344.00	3724.00	29%	9029.00	6.75	1.06	7.80	1631.756757	0.1	3.5	0,7	57.3	8.5	D
Initial Production	7/11/19 8:00 AM	Water Weight = 9.8 ppg - Oli API = 43.12	2,60	6.30	50	50	2576	28	100	78.00	1544.00	109.00	5361.00	51.38%	48.62%	1272.00	3777.00	3.0%	9138.00	6.85	1.07	7.95	2158.25	0.0	35	-06	40.4	8.5	0
Initial Production	7/11/19 9:00 AM	100000000000000000000000000000000000000	2.60	0.24	102	50	2589	28	1:00	74.00	1488.00	121 00	5423,00	51.24%	48.70%	1416.00	3836.00	3.0%	9299.00	6.96	1.00	8.04	1907.930108	0.0	3.0	0.9	40.0	3.5	0
Initial Production	7/11/19 19:00 AM		2.50	0.22	62	54	2566	26	100	75.00	1248.00	109.00	5475.00	49.06%	50.94%	1296.00	3890.00	2.1%	9365,00	7.07	1.09	6,16	2175,480789	0.0	3.6	1.0	40.5	8.7	0
Initial Production	7/11/19 11:00 AM	Water Weight = 9.5 ppg	2.60	0.24	67	56	2671	28	190	76.00	1608.00	123.00	5542.00	54.47%	45.53%	1344 00	3945.00	31%	9488.00	7.17	1.10	8.27	1703.9801	0.0	5.7	0.8	51.9	0.7	D
Indial Production	7/11/19 12:00 PM	OI API = 42 54 @ 60°F H25 = 0 ppm	2.00	0.58	72	50	2505	25	1190	77:00	1728.00	126.00	5814.00	56.25%	43.75%	1344.00	4002.00	3.2%	9616.00	725	1.12	6.38	1493.065866	0.0	3.7	0.7	55.7	4.8	0
Initial Production	7/11/19 1:00 PM	100.000	2.20	0.55	40	57	2546	29	1100	78.00	980.00	97.00	5654.00	41.24%	58.76%	1368 00	4059.00	32%	9713.00	7.36	1.15	3.49	2861.468333	0.0	3.6	1.3	310	2.5	D
Initial Production	7/11/19 2:00 PM		2.20	0.58	96	50	2551	28	1100	79.00	1584.00	124.00	5720:00	63.23%	46.77%	1392.00	4117.00	23%	9837.00	7.44	1.17	8.61	1757 373737	0.0	3.9	0.8	511	9.9	0
Initial Production	7/11/19 3:00 PM	The second second	2.20	0.53	560	80	2919	28	1:00	80.00	1584.00	126.00	5786.00	52,38%	47.62%	1440.00	4177.00	33%	9965.00	7.53	1,19	8.72	1724,747475	0.1	4.0	0.00	51.5	8.9	0
belled Dead rather	7/11/19 4:00 PM	Water Weight = 9.8 pag			-		2000	-	1.00	202227	NESE OF	100.00		-		2200.00	#700 mm	226		100	4.74		1710 MADES	200		0.00	-	00	-
Initial Production		OF API = @ SOT	2.20	0.44	64	50	2532	28	1.00	81.00	1535.00	122.00	5850.00	52.40%	4754%	1382:00	4235.00	33%	10065.00	7.62	1.21	8.83	1719 401042	0.0	4.0	0.0	49.5	9.0	1
Initial Production	7/11/19 5:00 PM		2.20	0.57	81	56	2549	26	1100	#2.00	1944.00	137.00	5931.00	59 12%	40.88%	1344 00	4291.00	3.4%	10222.00	7.71	1.23	8.95	1428 440329	.01	40	0.7	107	9.5	0
Initial Production	7/11/19 6:00 PM		2.10	0.70	62	50	2539	28	1:00	83.00	1458.00	112:00	5993.00	55.36%	44.54%	1200.00	4341 00	34%	10334.00	7.60	1.25	9.06	1861.72043	0.0	4.1	0.9	40.0	9.1	D
Initial Production	7/11/19 7:00 PM		2.20	0.56	75	74	2519	28	1.00	84.00	1830.00	149.00	5068.00	50.34%	49.00%	1776.00	4415.00	35%	10453.00	7.89	1.29	9.18	1533.333333	0.1	42	0.7	58.1	9.2	0
Initial Production	7/11/19 8:00 PM	Decreased choke to 26/64" Water Weigld = 9.8 pag	2.20	0.50	200	50	2519	28	1.00	85.50	2376.00	155.00	0167.00	63.57%	36 13%	1344.00	4471.00	35%	10838.00	7.90	1.31	9.29	11.48.989009	01	42	0.0	PLG	92	0
100000000000000000000000000000000000000	A CONTRACTOR OF THE PARTY OF TH	OH API = 42 06 49 60"F					100			100		1000	100	13.70	1120				1				2000		100	100		1000	
Initial Production	7/11/19 9:00 PM		2.20	0.48	71	54	2600	26	1:00	86.00	1704.00	125.90		55.80%		1296.00	4525.90	3.0%	10753.00	8.06	1.33	9.40	1572.769953	0.0	41	9.7	55.0	9.5	D.
Initial Production	7/11/19 10:00 PM		2.10	0.45	54	54	2606	26	1.00	87.00	1296.00	108.00	6292:00	50 00%	50.00%	1296.00	4579.00	30%	10871.00	8.18	1.35	8.51	1967 592593	0.0	42	1.0	41.8	9.5	D
Initial Production	7/11/19 11:00 PM		2.30	0.59	59	62	2620	26	1:00	86.00	1410.00	111.00	6351.00	5315%	46.85%	1248.00	4631.00	37%	10962.00	8.20	1.35	9.62	1899.717514	0.0	42	29	45.7	9.4	0
Initial Production	7/12/19 12:00 AM	Water Weight = 9.5 ppg OHAPI = 42.51 @ 60°F H25 = 0 ppm	2.20	0.41	77	45	2591	28	100	89.00	1848.00	122.00	8429.00	0311%	38.59%	1000.00	4575.00	37%	11104.00	6.35	1.30	9.75	1412.337602	0.0	43	6.7	50-5	24.	0.
Initial Production	7/12/19 1:00 AM	100-100	2:20	0.30	15.	40	5612	- 26	100	90.00	1320.00	154.00	5483-00	52.68%	47.52%	1176.00	A725.00	37%	11208.00	8.44	1.40	9.54	1954 545455	8.0	43	0.0	428	85	D
Initial Production	7/12/19 2:00 AM		2.10	0.39	50	50	2592	.06	100	91.00	1632.00	118.00		57.63%		1200.00	4775.00	38%	11326.00	853	1.41	3.94	1525 735254	0.0	4.4	0.5	52.6	9.5	0
Initial Production	7/13/19 3:00 AM		210	0.37	15	53	2586	26	100	82.00	1320.00	108.00	9606-00		4907%	1272.00	4826 00	38%	11434.00	8.62	143	10.05	1871.212121	00	44	20	426	9.6	0
		Water Weight = 9.6 ppg		1	-	-		9	100			1000	1000	550			100		1							200			
Initial Production	7/13/19 4:00 AM	OH API = 42 74 @ 60"F	210	0.37	155	56	2506	28	1:00	83.00	1322.00	110.00	8661.00	50,00%	50:00%	1320.00	4883.00	39%	11544.00	6.70	1.44	10.15	1871.212121	0.0	4.6	0.0	6.0	9.6	0
Inital Production	7/72/19 5:00 AM		210	0.58	79-	51	2583	26	1100	54.00	1896.00	130.00	6740.00	6077%	39,27%	1224.00	4634.00	35%	11674.00	8.70	1.46	10.25	1305.370747	0.1	4.5	0.7	0.2	9.7	0
Initial Production	7/12/19 6:00 AM		2:00	0.43	61	57	2593	26	190	95.00	1454.00	118.00	6801.00	51.89%	48.31%	1366.00	4991,00	39%	11792.00	8.66	1.6	10.36	1657.103825	0.0	4.5	8.9	47.2	9.7	D
Initial Production	7/12/19 7:00 AM		1.90	0.50	79	12	2587	26	0.40	95.00	1896.00	131 00	6880.00	6031%	39.65%	1248.00	5043.00	40%	11923.00	8.95	1.50	10.45	1267.405003	0.1	4.6	0.7	61.2	9.6	D
Plowback operations complete	7/12/19 7:40 AM	(7.40) Turned over on a TFMC 2564° choke to Production 24/64° choke at 2.576 peopl. Manifold sand sample = 0.01%							0:00	90.67	1080.00	85.00	6805.00	52.94%	C.00%	960.00	5083.00	40%	12008.00	8.95	1.50	10.45		0.0	4.7	12	348	9.0	0

REFER TO COMMENTS ON CELLS FOR QUIDANCE BO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess F8 Supervisor
Flowback
Automatic

FRAC JOB	SUMMARY	
Typii Frac Job	Hydraulic Frac	
TOTAL Clean Fluid Pumped	98,477	BBL
TOTAL Sand Pumped	6,060,520	LBS
Poposed # Stages	31	Stag
Stection & Stages	16	Stag

Event	Date	Remarks	Flared Gos Rafe	Bales Gas Rate	Oil Volume	Water Volume	Tubing Press	Choke Size	Duration	Cuts Time	Oil Daily	Total Fluid	Oil Cure	Oil Cut	Water Cut	Water Dally	Water Cum	Load Recovery	Total Lig Cum	Flared Gas Cum	Sales Gas Cum	Total Gas Cum	GOR	BEPHIFTP	Cum FTPH/FTP	1/PI	BO/Stage
Event Phase	Date MM/ODYY TIME	Report start time	(FB) MM scfd	0.00	Ebihr	bolder	psi(g)	in (#754)	0.00	bis	bb0day 0.00	bolitie	bbl	*	-	bbliday	bol	0.0%	bbl	MMscf 0.00	MMSCF 0.00	MMSCF 0.00	scribbi	(bbls/psi)	(bbilpsi)	(psl/bbl)	(bbls/stg)
	ACCRETA CALLES	(7:41) Begin Depressurizing Vessel and	-	0.00	0		-		0.00		0.50		1000		100		1000	0,0%		0.00		-	100000				
Standard Work	7/12/19 7:00 AM	high pressure lines for Radiation survey					3669		100	0.00	0.00	0.00	0.00	April 1	Des.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	ALVE	0.0	0.0		0.0
		and ROMO to H12. (7:50) Quale trucking empties high pressure line and desander.											1000		6										1		
One-desirable to	7/12/19 6 00 AM	(8:30) Both Hatches open ready for					3668		100	1.00		200		10000	Sugar					200		0.00		00	0.0		0.0
Standard Work	7/12/19 0.00 PM	survey. (8:45) Quale floods flowline and decander for Pressure Test					3000		130	1.00	0.00	0.00	0.00	1000	0000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00		0.0	0.0		0.0
Paradox d'Monte	7/12/19 9:00 AM	(9.15) Radiation Pros arrive on location and begins surveying Tank and Vessel.					3009		100	200		0.00		1333	100		1	0.000			2.00	0.00	4	0.0	0.0		0.0
Standard Work	271,218 9.00 PM	(9:45) Survey complete. No Radiation present.					3009		100	2.00	0.00	0.00	0.00	770	Sec.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00		-	0.0		0.0
		(10:15) Arp arrives on location. (10:50)										1233	1000	1000	8				10.31	10000					200		10000
Standard Work	7/12/19 10:00 AM	TFMC completes RDMO and switching of blowdown tanks. Quale trucking floods					3665		1.00	3.00	0.00	0.06	0.00	3000	1-71/7/5	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	* 200	0.0	0.0	1000	0.0
Standard Work	7/12/19 11:00 AM	low pressure line. (11:00) Arp Testing begins pressure test						7-15	100	4.00	0.06	0.00	0.00	1000	Mark 1	0.00	0.00	0.0%	0.00	0.00	0.00	0.00		0.0	0.0		0.0
Standard vyork	2712712 11.00 708	on High Pressure line. (12:00) High Pressure test complete.					2003	8	100	4.00	0.00	0.00	0.00	And the same	10777	0.00	0.00	0.0%	0.00	000	0.00	0.00	1500				
Standard Work	7/12/19 12:00 PM	(12:10) Arp begins low pressure test. (12:15) TFMC complete manway					3660		1-00	5.00	0.00	0.00	0.00	new	and I	0.00	0.00	0.0%	0.00	5:00	0.00	0.00	10000	00	00		0.0
	1000	hatches. (12:30) Low Pressure test							- 377				-	1	300		1	-		100							10000
	THE PERSON NAMED IN	(1.00) TFMC open well up to flow on a	5 7 7 1	The state of	1000	-	10000	100	100						10000					500					150		
Initial Flowback	7/12/18 1.00 PM	24/54" choke with an IOP of 5,660 chilg! to HS0086 Immediate Gus to Surface		1	1		3660	34	0:20	6.00	0.00	0.00	0.00	ARC.	1845	0 00	0.00	0.0%	0.00	0.00	0.00	0.00	2300	00	0.0	NUC	0.0
No. S. Levis	The same of the sa	(1:03) TFMC begins purging vessel.	0		Line and		2 7 1		15754			133	1000	1000	18.13		1 19 19		1000	100000	Carl San San		1000		1		
Initial Production	7/12/19 1:20 PM	(1:20) Oil to Production on a 24/64" choke with a WHP of 2,229 psi(g).		1	1		2229	24	0.40	6.33	0.00	0.00	0.00	4300	419	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	4740	0.0	0.0		0.0
Initial Production Initial Production	7/12/19 2:00 PM 7/12/19 3:00 PM	(3:00) increase choke to a 26/64"	1.60	0.00	93	0	2487 2671	24	1.00	7.00	2232 00 2472 00	93.00	93.00	100.00%	0.00%	0.00	53.00	0.0%	93.00	0.07	0.00	0.07	718.8458781 849.5145631	0.0	0.0	0.5	139.5
Initial Production	7/12/19 4:00 PM	Water Weight = 9.6 ppg	2.60	0.00	90	49	2582	26	1.00	9.00	2376.00	148.00	295.00	66.89%	33.11%	1176.00	102.00	0.1%	397.00	0.26	0.00	0.26	1084,276094	0.1	0.2	0.5	148.5
Initial Production	7/12/19 5:00 PM	Oi AFI = (3 60°F (5:00) Increase choke to 32/64°	3.30	0.00	113	56	2571	28	1:00	10.00	2712.00	189.00	408 00	00.80%	33.14%	1344.00	158.00	0.2%	566.00	0.40	0.00	0.40	1216,814159	0.1	0.2	0.4	109.5
Initial Production	7/12/19 6:00 PM 7/12/19 7:00 PM	(7.00) Increase choke to 36/64*	3.60	0.00	143	47	2408 2423	32	1.00	11.00	3432.00	190.00	551.00	75.26%	24.74%	1128.00 1320.00	205.00	0.2%	756.00	0.55	0.00	0.55	1048.951049	01	0.3	0.4	214.5
Initial Production	7/12/19 8:00 PM	Water Weight = 9.7 ppg	150	0.00	133	30	2923	32	100	13.00	1320.00	91.00	739.00	50,44%	29.26%	864.00	295.00	0.3%	1035.00	0.77	0.00	0.71	1136.363636	00	0.5	12	82.5
Initial Production	7/12/19 9:00 PM	Oli API 42:90 = (8:60°F (9:00) increase choke to 38/64°	4.80	0.00	137	50	2086	36	1:00	14.00	3288.00	187.00	876.00	73.26%	26.74%	1200.00	348.00	0.4%	1222.00	0.97	0.00	0.97	1459 854015	01	0.6	0.5	205.5
Initial Production	7/12/19 10:00 PM		4.80	0.00	150	76 66	2060	38	100	15.00	3808.00	228.00	1026.00	66.37%	33 63%	1824 00	422.00	0.4%	1448.00	1.17	0.00	1.17	1333.333333	01	0.7	0.4	225.0 165.0
Initial Production	7/12/19 11:00 PM	(12:00) increase choke to 40/64"	4.80	0.00	110	100	2035	20	1:00	16.00	2640.00	176.00	1136.00	62.50%	37.50%	1584.00	488.00	0.5%	1624.00	1.34	0.00	1.37	1010.191018		0.0	00	NO. U
Initial Production	7/13/19 12:00 AM	Water Weight = 9.7 ppg OEAP1 = 42.21 @ 60°F	4.70	0.00	149	60	2058	38	1:00	17.00	3576.00	209.00	1285.00	71.29%	28.71%	1440.00	548.00	0.0%	1833.00	1.57	0.00	1.57	1314,317673	0.1	0.9	0.5	223.5
Initial Production	7/13/19 1:00 AM	H2S = 0 pom	4.80	0.00	133	74	2010	40	100	18.00	3192.00	204.00	1418.00	65.20%	34.60%	1704.00	619.00	0.0%	2037.00	177	0.00	1.77	1503.759398	01	10	0.5	199.5
Initial Production	7/13/19 2:00 AM	(2:00) increase choke to 42/64"	4.60	0.00	133	61	1991	40	1:00	19.00	3192.00	194.00	1551,00	68.50%	31.44%	1464.00	680.00	0.7%	2231.00	1.95	0.00	1.96	1441.102757	at	3.5	0.5	199.5
Initial Production	7/13/19 3:00 AM 7/13/19 4:00 AM	Water Weight = 9.7 pag	5.50	0.00	162	71	1942	42	1:00	20.00	3886.00	293,00	1713.00	000000	35.47%	1704.00	751.00	0.8%	2464.00	2.19	0.00	2.19	1414,509053	01	14	0.4	243.0 181.5
Initial Production Initial Production	7/13/19 4:00 AM	OHAP1 = 41.88 (0.60%	5.30	0.00	150	75	1825	62	1:00	21.00	2904 00	190.00	1984.00	63.67% 56.67%	33 33%	1600 00	895.00	0.9%	2679.00	241	0.00	263	1472 277272	01	15	0.6	225.0
Initial Production	7/13/19 6:00 AM	No. of the last of	5.20	0.00	90	31	1916	42	1:00	23.00	2160.00	121.00	2074.00	74.38%	25 62%	744.00	925.00	0.9%	3000.00	285	0.00	2.85	2407,407407	0.1	1.8	0.8	135.0
Initial Production	7/13/19 7:00 AM	(7 00) Increase choke to 44/64" Water Weight = 9.6 ppg.	3.70	0.00	110	93	1862	42	1.00	24.00	2640.00	203 00	2184.00		45.81%	2232.00	1019.00	1,0%	3203.00	1.00	0.00	3.00	1401.515152	01	17	0.7	184.5
Initial Production	7/13/19 8:00 AM 7/13/19 9:00 AM	OF API = 42.85 @ 60°F	5.20	0.00	123	80	1770	44	1.00	25.00	2952 00	218.00	2443.00	56.67%	43.58% 33.33%	2280 00 1632 00	1114.00	1.1%	3421.00	3.72	0.00	3.42	1781.517615	01	22	06	204 0
Initial Production	7/13/10 10:00 AM	(10:00) Increase choke to 45/64"	5.30	0.00	112	76	1834	44	190	27 00	2688.00	198.00	2555,00	58.57%	40.43%	1824.00	1258.00	1.3%	3813.00	3.64	0.00	3.64	1971,72619	0.1	2.1	0.7	166.0
Initial Production	7/13/19 11:00 AM	Water Weight = 5.6 ppg	5.30	0.00	119	75	1616	48	1.00	28.00	2650.00	164.00		81.34%		1800.00	1333.00	1.4%	4007.00	3.86	0.00	196	1855.742297	0.1	25	0.7	178.5
Initial Production Initial Production	7/13/19 12:00 PM 7/13/19 1:00 PM	OR API = 42.65 @ 60"F	5.50	0.00	136	90	1748	46	1:00	29.00 30.00	3264 00 2976 00	207.00	2934.00	59.90%	39.82% 40.10%	2160.00	1423.00	1.5%	4293.00 4440.00	4.09	0.00	4.09	1885 04902	01	2.5	06	204.0 186.0
Initial Production	7/13/19 2:00 PM		5.60	0.00	102	81	1767	46	1:00	21.00	2448 00	183.00	3036.00	55.74%	44.26%	1944 00	1587.00	1.0%	4623.00	4.58	0.00	4.56	2287.581699	0.1	26	0.8	153.0
Initial Production	7/13/19 3:00 PM	(3:00) Increase choke to 45/64* Water Weight = 9.6 ppg	5.60	0.00	99	90	1737	46	100	32.00	2376.00	189 00	3135.00	52.38%	47.82%	2160 00	1677.00	1.7%	4812 00	4.79	0.00	479	2356.902357	0.1	28	0.8	148.5
Initial Production Initial Production	7/13/19 4.00 PM 7/13/19 5.00 PM	OE API = 42.64 (2:60°F	5.80	0.00	101	91	1662	45	1:00	33.00	2424.00	192.00	3236.00		43.06%	1920 00	1768.00	1.5%	5185.00	5.03	0.00	5.03	2351,485149 2369,281046	0.1	3.0	0.8	151.5
Initial Production	7/13/19 6:00 PM		5.80	0.00	100	62	1668	45	1:00	35.00	2400.00	162.66	3438.00	61.73%	38.27%	1485.00	1910.00	1.0%	5348.00	5,51	0.00	5.51	2416.658667	01	3.2	8.0	150.0
Initial Production	7/13/19 7:00 PM	Water Weight = 9.6 cpg	5.60	0.00	102	103	1630	46	1:00	36.00	2448 00	205.00	3540.00	49.70%	50.24%	2472.00	2013.00	2.0%	5553.00	5.75	0.00	5.75	2287.581689	0.1	3.4	0.8	153.0
Initial Production	7/13/19 8:00 PM 7/13/19 9:00 PM	Ol AFI = 41.81 @ 60"F	5.80	0.00	100	85	1657	45	1:00	37.00	2400.00	185.00	3540.00	53.55%	20.00	2040.00	2098.00	2.1%	5738.00 5920.00	5.99 6.22	0.00	6.22	2416.566667	0.1	3.5	0.8	150.0
Initial Production	7/13/19 10:00 PM		5.80	0.00	102	79	1650	45	1.00	39.00	2448.00	181.50	3840.00	56.35%	43,65%	1896.00	2261.00	2.3%	6101.00	6.46	0.00	6.46	2369.281046	0.1	3.7	0.8	153.0
Initial Production	7/13/19 11:00 PM	Water Weight = 8.6 ppg	5.60	0.00	97	78	1644	48	100	40.00	2328.00	175.00	3937.00	55,43%	44.57%	1872.00	2339.00	2.4%	6276.00	6,70	0.00	6.70	2491.408935	0.1	3.8	0.9	145.5
Initial Production	7/14/19 12:00 AM	OF API = 41.66 @ 60°F	5.60	0.00	100	89	1650	45	100	41.00	2400.00	189 00	4037.00	52 91%	47.09%	2136.00	2428.00	2.5%	6485.00	6.95	0.00	6.95	2416.596667	0.1	3.9	0.8	150.0
Initial Production	7/14/19 1:00 AM	H2S = 0 ppm	5.80	0.00	97	70	1047	48	1:00	42.00	2328.00	167.00	4134.00		41.92%	1680 00	2498.00	2.5%	6632 00	7,19	0.00	7.19	2491.408935	0.1	4.0	0.9	145.5
Initial Production	7714/19 2:00 AM 7/14/19 3:00 AM		5.70	0.00	100	82 71	1601	48	1:00	43.00	2400.00	182.00	4234.00 4333.00		45.05%	1704.00	2580 00	2.6%	6084.00	7.43 7.67	0.00	7.43	2375 2441.077441	0.1	4.1	0.8	150 D 148 5
Initial Production	7/14/19 4:00 AM	Water Weight = 9.6 ppg	5.70	0.00	99	78	1635	48	100	45.00	2576.00	177.00	4432.00	10000	44.07%	1872.00	2729.00	2.8%	7161.00	7.90	0.00	7.90	2398,989899	0.1	44	0.0	148.5
Initial Production	7/14/19 5:00 AM	Ol AP1 = 41.76 (\$1.00°)	5.80	0.00	100	85	1629	45	100	40.00	2400 00	185 00	4532.00	54.05%	45.95%	2040.00	2814.00	2.0%	7346.00	8.15	0.00	8.15	2416.966667	0.1	4.5	0.9	150 0
Initial Production Initial Production	7/14/19 6:00 AM 7/14/19 7:00 AM		5.70	0.00	97	84	1630	48	1.00	47.00 48.00	2328.00	181.00	4529 00 4726 00		48.40%	2016.00	2909.00	3.0%	7527.00	8.38 8.52	0.00	8.58	2448.453608 2448.453608	01	4.6	0.9	145.5 145.5
Initial Production	7/14/19 8:00 AM	Water Weight = 9:6 ppg	5.70	0.00	94	87	1628	48	1:00	49.00	2256.00	181 00	10000	51.93%	45.07%	2085.00	3676.00	3.1%	7896 00	8.50	0.00	8.86	2526.595745	0.1	4.9	0.9	141.0
Initial Production	7/14/19 9:00 AM	OLAPI = 42.63 @ 60°F	5.70	0.00	- 60	80	1627	46	1.00	50 00	2304.00		1	100000	45,45%				8072.00	9.10	0.00	9.10	2473.958333	0.1	5.0	0.9	144.0
THE PARTY OF THE P												110.00		-	-												

Initial Production Initial Production	7/14/19 10:00 AM 7/14/19 11:00 AM		5.70 5.60	0.00	90	72	1630	48	100	51.00	2304 00 2352 00	166.90	5012.00	57,14% 54,14%	42.86% 45.86%	1726.00	3228 00	33%	8240.00 8421.00	9.33 9.57	0.00	9.33 9.57	2473 958333 2380 952381	0.1	51	0.0	144.0
Initial Production	7/14/19 12:00 PM	Water Weight = 9.6 ppg OR APT = 43.12 gb 60°F	5.60	0.00	100	80	1627		1:00	53.80	2400.00	160.00	5210.00	55.50%	44.44%	1920.00	3391.00	3.4%	8601.06	980	0.00	9.80	2333 333333	01	53	0.9	150.0
Initial Production	7/14/19 1-00 PM	H25 = 0 ppm	5.70	0.00	93	85	1625		100	54.90	2232.00	188.00	5303.00	49.47%	50.53%	2280.00	3486.00	15%	8789.00	10.04	0.00	10.04	2553.763441	0.1	54	0.0	139.5
Initial Production	7/14/19 2:00 PM		5.70	0.00	96	63	1621	45.	1:00	55.00	2304 00	179.00	5399.00	53.63%	45.37%	1992.00	3569.00	3.0%	8968.00	10.28	0.00	10.28	2473.958333	0.1	5.5	0.9	144.0
Initial Production	7/14/19 3:00 PM	Water Weight = 9.6 ppg	5.70	0.00	96	87	1626	48.	1:00	58.00	2304 00	183.00	5495 00	112200000	47.54%	2088.00	3656.00	3.7%	9151.00	10.51	0.00	10.51	2473.958333	0.1	5.6	0.9	144.0
Initial Production	7/14/19 4:00 PM 7/14/19 5:00 PM	Of AP1 = 43.12 (0 60°F	5.70	0.00	96	71	1627	46	1:00	57.00 58.00	2304.00	167.00	5591.00	200000	42.51%	1704.00	3727.00	3.8%	9318.00	10.75	5.00	10.75	2473.958333	01	5.7	0.9	144.0
Initial Production Initial Production	7/14/19 6:00 PM		5.70 5.70	0.00	92	65	1605	45	1.00	59.00	2376.00 2206.00	192.00	5890.00 5782.00	51.50% 58.60%	48.44%	1500.00	3820.00	3.9%	9510.00 9667.00	10.99	0.00	10.99	2398.989899 2581.521739	0.1	8.0	0.9	136.0
Initial Production	7/14/19 7:00 PM	Water Weight = 9.6 ppg	5.70	0.00	95	86	1599	48	1:00	50.00	2280.00	161.00	5877.00	52.49%	47.51%	2064.00	3971.00	4.0%	9648.00	11.40	0.00	11.46	2500	0.1	8.2	0.9	142.5
Initial Production	7/14/19 £:00 PM	OR AP1 = 40.90 (\$ 60°F	5.70	0.00	100	- 89	1588	48	1:00	61.00	2400 00	189.00	5977 00	200000	47.00%	2136.00	4060.00	4.1%	10037.00	11.70	0.00	11.70	2375	0.1	6.3	0.9	150.0
Initial Production	7/14/19 9:00 PM 7/14/19 10:00 PM		5.70 5.70	0.00	90	72	1598	45	1:00	62.00	2160.00	162.00	6164.00	50.56%	49.74%	1728.00 2304.00	4132.00 4228.00	4.2%	10199.00	11.94	0.00	11.94	2638.886889 2448.453608	01	0.4	09	135.0
Initial Production	7/14/19 11:00 PM		5.70	0.00	93	85	1596	48	1:00	64.00	2232.00	178.00	6257.00	82.25%	47 75%	2040.00	4313.00	4.6%	10570.00	12.41	0.00	12.41	2553,763441	0.1	0.6	0.9	139.5
Initial Production	7/15/19 12:00 AM	Water Weight = 9.5 ppg OR API = 41.10 @ 60°F H25 = 0 ppm	5.70	0.00	96	80	1593	48	1:00	65.00	2304 00	176.00	0353.00	54.55%	45,45%	1929.00	4393.00	4.5%	10746.00	12.65	0.00	12.65	2473.958333	0.1	67.	0.9	144.0
Initial Production	7/15/19 1:00 AM	1	5.70	0.00	95	63	1595	40	1:00	65.00	2280.00	178.00	6445.00		46.53%	1992.00	4476.00	4.5%	10924.00	12.89	0.00	12.89	2500	0.1	6.6	0.9	142.5
Initial Production Initial Production	7/15/19 2:00 AM 7/15/19 3:00 AM		5.60	0.00	90	74	1591	48	1.00	67.00	2160 00 2280 00	186.00	6535.00		45.12%	1776.00 2164.00	4550.00 4641.00	4.0%	11088:30 11274:00	13.12	0.00	13.12	2592.592593 2500	0.1	7.0	0.9	195.0
	7/15/19 4:00 AM	(4:00) Decreased choke to 46/64"																	100000000000000000000000000000000000000						72		No. of Street, or other Persons
Initial Production		Water Weight = 9.6 ppg OEAPI = 41.40 @ 60°F	5.00	0.00	100	90	1586	40	1:00	89.00	2280.00	180.00	6728.00		47.22%	2040.00	4726.00	4.6%	11454.00	13.59	0.00	13.59	2456.140351	0.5	12	0.9	142.5
Initial Production Initial Production	7/15/19 5:00 AM 7/15/19 6:00 AM	(6:00) Decrease choke to 44/64"	5.50	0.00	92	76	1854	46	1,00	70.00	2160 00	165.00	8910.00	54.76%	45.45%	1824.00	4802.00	4.9% 5.0%	11622,00	13.82	0.00	13.82	2490.942029 2500	01	71	0.9	138.0
Initial Production	7/15/19 7:00 AM	(7 00) Decrease choke to 42/64"	5.10	0.00	94	74	1715	44	1:00	72.00	2256.00	168.00	7004 00	55.95%	44.05%	1776.00	4951.00	5.0%	11955.00	14.26	0.00	14.26	2260.638298	0.1	7.0	0.9	141.0
Initial Production	7/15/19 8:00 AM	(8:00) Decrease choice to 40/64" Water Weight = 9.7 ppg Oil API = 43.34 (0:60°F	4.90	0.00	85	74	1794	42	1:00	75.00	2040.00	159 00	7089 00	53.40%	46.54%	1770.00	5025 00	5.1%	12114.00	34.46	0.00	14.46	2401.960784	01	6.5	0.9	127.5
Initial Production	7/15/19 9:00 AM	(9:00) Decrease choke to 38/64"	4.80	0.00	86	72	1853	40	1:00	74.00	2064 00	158.00	7175.00	54.43%	45.57%	1728.00	5097.00	5.2%	12272.00	14.66	0.00	14.66	2325.581395	0.1	0.0	0.9	129.0
Initial Production	7/15/19 10:00 AM 7/15/19 11:00 AM	(10:00) Decrease choke to 36/64" (11:00) Decrease choke to 34/64"	4.70	0.00	78	70	1884	38	1:00	75.00	1872.00	148.00	7253.00	50 00%	47.30%	1680.00	5167.00	5.2%	12420.00	14.86	0.00	15.04	2510.683761 2388.888889	0.1	6.6	0.9	117.0
	7/15/19 12:00 PM	(12:00) Decrease choke to 32/64" Water Weight = 9.7 ppg			-	-	1	-	1:00	77.00			1000				5301.00	5.4%					100000000000000000000000000000000000000	01		100000	
Initial Production		Oil API = 43.35 @ 60°F H26 = 0 ppm	4.10	0.00	/3	50	2096				1752.00	132.00		55.30%		1415.00			12702.00	15.21	0.00	15.21	2340.182648		21	0.9	109.5
Initial Production Initial Production	7/15/19 1:00 PM 7/15/19 2:00 PM		3.80	0.00	67 68	59	2171	32	1:00	78.00 79.00	1608,00	125.00	7536.00	53 17% 55 74%	46 53%	1416.00	5414.00	5.5%	12826.00	15.37	0.00	15.37 15.53	2363.18408 2328.431373	0.1	5.9	0.9	100.5
Initial Production	7/15/19 3:00 PM	The same of the sa	3.80	0.00	'61	47	2176	32	1:00	80.00	1464,00	108.00	100000000000000000000000000000000000000		43.52%	1128,00	5481.00	5.5%	13058.00	15.68	0.00	15.68	2595.828415	0.0	6.0	1.0	91.5
Initial Production	7/15/19 4:00 PM	Water Weight = 9.7 ppg Oil API = 43.17 db 60°F	3.60	0.00	62	59	2175	32	1:00	81.00	1458.00	121.00	7659.00	51 24%	48,76%	1416.00	5529.00	5.6%	13179.00	15.84	0.00	15.84	2553.763441	0.1	0.1	1.0	93.0
Initial Production Initial Production	7/15/19 5:00 PM 7/15/19 6:00 PM		3.80 4.00	0.00	62	60	2174 2070	32	1:00	82.00 83.00	1488.00	128.00	7721.00 7781.00	46.44% 50.00%	51,56%	1584.00	5586.00 5646.00	5.7%	13307.00	16.00	0 00	16 00	2553.763441 2777.777778	0.1	6.1	1.0	90.0
Initial Production	7/15/19 7:00 PM		3.80	0.00	61	60	2169	32	1.00	84.00	1464.00	127.00	7842.00	48.03%	51.97%	1584.00	5712.00	5.8%	13554.00	16.33	0 00	16.33	2595.628415	0.1	6.2	1.0	91.5
Initial Production	7/15/19 8:00 PM	Water Weight = 9.7 ppg Oil API = 42.00 (b 60°F	3.80	0.00	68	62	2154	32	100	85.00	1632.00	130.00	7910.00	5231%	47.89%	1488 00	5774.00	5.9%	13864.00	16.48	0.00	18.48	2326.431373	0.1	6.4	0.9	102.0
Initial Production	7/15/19 9:00 PM		3.80	0.00	64	56	2165	52	1:00	86.00	1536.00	122.00			47.54%	1392.00	5832.00	5.9%	13806.00	16.64	0.00	16.64	2473.958333	0,1	6.4	1.0	96.0
Initial Production Initial Production	7/15/19 10:00 PM 7/15/19 11:00 PM		3.80	0.00	59	53	2160 2148	32	1.00	88.00	1418.00	129.00	100000000000000000000000000000000000000	49 17% 53 51%	50.83%	1484.00	5893.00 5846.00	0.0%	13926.00	16.60	0.00	16.80	2663.615810 2527.322404	0.1	8.5	1.0	88.5 91.5
Initial Production	7/16/19 12:00 AM	Water Weight = 9.7 ppg OII API = 42.36 @ 60°F	3.80	0.00	61	65.	2155	32	1:00	89.00	1464.00	126.00	3355	48 41%		1560.00	6011.00	0.1%	14166.00	17.11	0.00	17.11	2595.628415	0.1	0.0	1.0	91.5
Initial Production	7/16/19 1.00 AM	H2S = 0 ppm	3.80	0.00	59	59	2153	32	1:00	90.00	1416.00	118.00	8214.00	50.00%	50,00%	1416.00	6670.00	0.2%	14264.00	17.27	0.00	17.27	2683,615819	01	6.6	1.1	58.5
Initial Production Initial Production	7/16/19 2:00 AM 7/16/19 3:00 AM		3.80	0.00	61	60	2158	12	1,00	91.00	1464.00	121.00		50.41% 50.88%	49.59%	1440.00	6130.00	6.2%	14405.00	17.43	0.00	17.43 17.59	2595 628415 2683 615819	0.1	6.7	1.0	91.5
Initial Production	7/16/19 4 00 AM	Water Weight = 9.7 ppg	3.80	0.00	58	71	2158	12	1:00	93.00	1992.00	129.00	8392.00	44 96%	55.04%	1704.00	6258.00	6.4%	14650.00	17.25	0.00	17.75	2729.885057	0.5	0.5	13	87.0
Initial Production	7/16/19 5:00 AM	OLAPI = 42.36 (\$ 60°F	3.80	0.00	59	58	2147	52	100	94.00	1416.00	117 00	8451.00			1392 00	6316.00	5.6%	14767.00	17.90	0.00	17.90	2683.615819	0.1	6.9	11	86.5
Initial Production	7/16/19 6:00 AM		3.60	0.00	59	62	2154	32	1.00	95.00	1416.00	121.00	8510.00	48.76%	51.24%	1450.00	6378.00	6.5%	14858.00	18.05	0.00	18.05	2542.372881	0.1	6.9	1.7	88.5
Initial Production	7/16/19 7:00 AM	(7.25) Turned over on a TFMC 32/64"	3.70	0.00	61	61	2149	32	025	96.00	1464.00	122.00	8571,00	50.00%	50.00%	1464.00	6439.00	6.5%	15010,00	18.21	0.00	18.21	2527.322404	0.1	7.0	1.0	91.5
Flowback operations complete	7/16/19 7 25 AM	Chake to Production 24/96" choke at 2,151 psi(g) Manifold sand sample = 0,01%							0.00	96.42	0.00	0.00	8571.00	205	-	0.00	6439.00	0.5%	15013.00	18.21	0.00	16.21	100	0.0	7.0	Marie .	0.0
									No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa	100		1333	1 100				779				0.54						

Version 20180404

Clear data to create Flowback data for new well exist Students (Students) (Studen

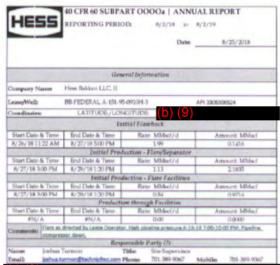
REFER TO COMMENTS ON CELLS FOR GUIDANCE

Data Completed By: Flowback Crew / Heas FB Supervisor Flowback Automatio

ps.

Event	MM/DO'YY TIME	Remarks	Flame Gas Rate	Sales Gas Rate MMn-64	Oil Volume	Water Volume	Tutoing Press pni(g)	Clarke Size in (#/64)	Doration. heu	Cum Time	Chil Deetly	Total Fluid Shifter	Oif Com	OH CHE IN	later Cut V	Mater Daily hadiday	Water Cum	Load Recovery	Total Lin Com	Flared Gas Certi	Sales Gas Curt MMSCF	Total Gas Gum MMSCF	GOR	(MATA/Insili	Carn FTPHFTP	199. (perident)	BO/Stage (bisk/stig)	(Hours *0.5)	AVCT
	7/18/19 7:30 PM	Report start time	0.00	0.00		0		$\overline{}$	0.00	0	0.00		-	STATE OF	NAME OF TAXABLE PARTY.	-	0	0.0%	0	0.06	000	0.00		0.0	0.0	1000	0.0	0.0	0
Standard Work	7/16/19 7:00 AM	(7:25) TFMC Begins RDMO to H13							1.00	0.00	0.00	0.00	0.00	2000	63	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	0.5		25.66	846	00	0.0	0
		(8:50) TFMC completes RDMO. Begins								1	1000000	1000	10000	3000	923		17760									1		100000	
Standard Work	7/16/19 8:00 AM	Routine materiance, TFMC calls ARP							1:00	1.00	0.00	0.00	0.00	Albert 3	MET !	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	3296		1195	9277	0.0	1.0	
		Energy to come earlier for Pressure Test.								1333	1000		10000	10000	88.	311									1000				
Standard Work	7/16/19 9:00 AM	The second second second							1:00	2.00	0.00	0.00	0.00	3000	0000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	202		255	21000	0.0	1.4	D
Standard Work	7/16/19 10:00 AM	(10:30) TFMC starts ESD/Men down Drill. Arp Energy arrives on location.							1.00	5.00	0.00	0.00	0.00	400	0000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	4000		#2+Z		0.0	17	D
		(11.00) TFMC completes Oria.										1335				200	10000						10000		-	1000			
Standard Work	7/16/19 11:00 AM	(11:30) Pressure tests begin for 2" 1502						150	1:00	4.00	0.00	0.00	0.00	1220	2000	0.00	0.00	0.0%	0.00	0,00	0.00	0.00	2000		4.00	1000	0.0	20	D
		High Pressure Flowline											10000	1000		200									1000	-			
									1.0			1		Charles 1			20				***	-			1 2 1				D
Standard Work	7/16/19 12:00 PM								1,00	5.00	0.00	0.00	0.00	300	CONT.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00			2000	1000	0.0	22	- 0
	The second second							15		10000				1000000	54.00		223								100	1 5 5 115		10000	
Standard Work	7/16/19 1 00 PM	(1:10) Pressure test completed. (1:18) TFMC open well to flow on a 2464°							0.15	6.00	0.00	0.00	0.00	2700	exce.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	4/12		CO	150	.0.0	2.4	.0
NAME OF TAXABLE PARTY.	THERETHERM	chake with an IOP of 2, 300 cauge to					Train.		-			200		1000							644				0,0	Total .	00	25	D
Thilliel Firwback	THE REAL PROPERTY.	HISCOS Immediate Dire and Oil to					3361		0.10	0.25	0.00	0.00	0.00	25,000	and a	0.00	0.00	0.0%	0.00	0,00	0,00	9,00	1000	0.0	0,0		00	25	
		(1:26) Oil to Production on a 2464" choice		-						100		1		13	500		1323						1000	1	100		-		E CONTRACTOR OF THE PARTY OF TH
Initial Production	7/16/19 1.25 PM	with a WHP of 2,802 pails).					2002	24	0:35	6.42	0.00	0.00	0.00	Secon .	2000	0.00	0.00	0.0%	0.00	9.00	0.00	8.00	1000	0.0	0.0	1	0.0	2.5	-
Initial Production	7/16/19 2:00 PM	-	2.00	0.00	45	0	1706	24	100	7.00	1080 00	45.00	45.00		0.00%	0.00	0.00	0.0%	45.00	0.06	0.00	0.08	1851,851852	0.0	0.0	0.7	34.8	2.6	0
Initial Production	7/16/19 3:00 PM	(3:00) Increase choke to 25/64* Water Weight = 9.9 ppg	1.30	0.00	"	· · ·	2100	24	100	8.00	1704.00	182.00	116.00	A PERSON NAMED IN	50.99%	256400	111.00	01%	227.00	0.14	0.00	0.14	762 9107901	0.1	01	1000	55.0		
Initial Production	7/15/19 4:00 PM	OI API + 43.37 @ 60°F	1.70	0.00	82	- 00	2055	20	100	9.00	1988.00	171.00	195.00	12000	52.05%	2136.00	200.00	0.1%	398.00	0.21	0.00	0.21	863.8211382	0.1	0.2	0.7	63.5	3.0	D
Initial Production	7/16/19 500 PM 7/16/19 600 PM	(5.00) increase choke to 32/64"	1.70	0.00	70	73	2072 1908	28	1.00	10,00	1680.00	143.00	367.00		91 05% ME 000%	1752.00	273.00	0.2%	541.00	0.28	0.00	0.26	1011.994762 925.9259259	01	0.3	0.6	51.2 76.6	32	0
Initial Production Initial Production	7/16/19 7:00 PM	(7 00) increase choke to 36/64"	2:30	0.00	75	90	1890	32	100	12.00	1800.00	183.00	442.00		45.90% 54.55%	2016.00	357.00 447.00	0.2%	724.00 889.00	0.87	0.00	0.47	1277.777778	0.1	0.5	0.8	58.1	35	0
Initial Production	7/16/19 ±00 PM	Water Weight = 9.5 ppg	2.70	0.00	106		1771	34	1:00	13.00	2544.00	194.00	548.00		6.36%	2112.00	535.00	0.3%	1083.00	0.58	0.00	0.58	1001.320755	0.1	0.6	0.6	821	3.0	D
Initial Production	7/16/19 0:00 PM	OF API = 44.26 dt 60°F (9.00) incresse choke to 38/64°	290	0.00	100	- 10	1751	-	100	14.00	2449.00	196.00	650.00	231%		2232.00	608.00	0.4%	1278.00	0.70	0.00	0.70	1164.540529	01	0.7	0.7	75.0	37	
Initial Production	7/16/19 10:00 PM	(3100) secures cuore o 20.04	3.20	0.00	139	94	1561	20	190	15,00	3838.00	233,00	789 00		40.34%	2256.00	722.00	0.4%	1511.00	0.83	0.00	0.63	869 2335139	61	1.0	0.0	107.6	3.0	
Initial Production	7/16/19 11:00 PM		2.40	0.00	100	75	2900	38	1:00	16.00	2400.90	175.00	889.00		286%	1800.00	797.00	0.5%	1686.00	0,93	9.00	0.63	1000	01	0.7	0.9	77.4	4.0	D
		(1200) increase chake to 40/64"			1000	3		3 1				1 800	4 5500	1000		2000	00000								1000				
Initial Production	7/17/19 12:00 AM	Water Weight = 9.8 ppg Oil API = 42.57 @ 60°F	3.50	0.00	101	93	1845	38	100	17,00	2424.00	194.00	990.00	52.00%	17.94%	2232.00	860.00	0.5%	1880.00	1.08	0.00	1,08	1443,594389	0.1	3.1	0.7	76.2	41	D
A CONTRACTOR OF THE PARTY OF TH		H25 = 0 ppm			100		1			100		1323		10 mm	200	7255	1000								100		1 24		A CONTRACTOR OF THE PARTY OF TH
Initial Production Initial Production	7/17/19 1:00 AM 7/17/19 2:00 AM	(2'00) Increase choke to 42'64"	3.40	0.00	104	100	1641	40	100	19.00	2490.00 2764.00	193.00 200.00	1094.00		44 23%	2136.00 2206.00	979:00	0.0%	3073.00 2261.00	1.22	0.00	1.22	1362.179467 1257.183908	0.1	1.3	0.0	80,5	42	0
Initial Production	7/17/19 3:00 AM	Dr. out viciniase crime to -Crim	3.60	0.00	120	101	1500	42	100	20.00	2980.00	221.00		5430%		2424.00	1172.00	0.7%	2500.00	1.52	0.00	1.52	1250	0.1	1.0	0.0	92.9	45	0
Initial Production	7/17/19 4:00 AM	Water Weight = 9.8 ppg	3.70	600	140	-	1821	42	100	21.00	3432.00	241.00	1/73/00	5130%	40.66%	2352.00	1270.00	0.7%	2743 00	1.67	0.00	1.67	1078.086578	01	1.7	0.5	110.7	40	0
Initial Production	7/17/19-5 (XX AM	OLAPI = 42.36 @ 60°F	3.70	0.000	1111	100	1618		1.00	22.00	3144.00	299.00	1604.00	100000	6.19%	2592,00	1378.00	0.8%	2962-00	1.83	9.00	1.60	1175.541754	0.1	18	0.6	101.4	AT	9
Initial Production	7/17/19 0:00 AM		3.70	0.00	127	85	1604	42	1.00	23.00	3048.00	212.00	1731.00		10.09%	2040.00	1463.00	0.0%	3194.00	1,65	0.00	1.00	1218.910781	0.1	20	0.0	96.3	48	0
Initial Production	7/17/19 7:00 AM		3.70	0.00	127	98.	1018	42	1:00	24.00	3048.00	225.00	1858.00	55.41%	0.56%	2952.00	1561.00	0.9%	3419.00	235	0.00	2.13	1213.910761	0.1	2.1	0,6	96.5	49	D
Initial Production	7/17/19-8:00 AM	Water Weight = 9-8 ppg	3.80	0.00	244	110	1626	42	1.00	25.00	3456.00	254.00	2902.00	55.60%	G31%	2640.00	1871.00	10%	3673.00	229	0.00	229	1099.537037	02	2.3	0.5	111.5	50	D
Initial Production	7/17/19 9/00 AM	OI API = 43.19 @ 60°F	370	0.00	121	95	1623	40	100	26.00	2904.00	216.00	212300		0.95	2280.00	1796.00	10%	3889.00	26	0.00	246	1274 104953	01	2.4	0.6	90.7	5.1	0
Initial Production	7/17/19 10:00 AM		3.80	0.00	108	96	1627	42	100	27.00	2592.00	294.00			C 00%	230400	1952.00	1.1%	4093:00	2.00	0.00	2.00	1460.040363	0.1	25	9.7	85.6	5.2	D
Initial Production	7/17/19 11:00 AM	and the same of th	3.70	0.00	110	90	1600	42	1,00	28.00	2540.00	250.00	2341.00	55.00%	6 00%	2160.90	1952:00	1.1%	-4253.00	276	0.00	2.76	1401.515152	0.1	2.7	0.7	85.2	53	0
Initial Production	7/17/19 12:00 PM	Water Weight = 9.8 ppg GR API = 42.63 @ 60°F	3.60	0.60	131	-	4000		100	29.00	3144.00	229 (0	207200	57.21%	17.70%	2352.00	2050 00	129	4522.00	2.67	0.00	2.92	1208 601399	01	28	0.6	101.4	54	0
THESE PIDOSCOUT	Dillio Carrie	H25 = 0 ppm	2.00		1	-	1600	-	100		3141,00	320.00	2412.00	0.210	2.12%	200.00	20.00	124		2.00	-		100000000	-		-			
Initial Production	7(17/19 1 00 PM		3.50	0.00	92	85	1637	42	1.90	30.00	2208.00	177.00	2564.00		46.02%	2940.00	2135.00	12%	4099.00	3.06	0.00	3.00	1721.014493	01	29	0.0	712	55	0
Initial Production Initial Production	7/17/19 2:00 PM 7/17/19 3:00 PM		3.80	0.00	126	101	1630	42	100	32.00	3024.00 2232.00	163.00	2990.00	50.60%	14.45%	2160.00	2236.00	13%	4906.00 5109.00	3.73	0.00	3.20	1702.508681	01	3.0	0.6	97.5 T2.0	55	0
		Water Weight = 9.8 pag	3.80					-		777		10000	100000	1777	-	-								01	7.0	0.5	200	5.7	0
Initial Production	7117/19 4:00 PM	OX APT = 42.00 (0.00°F	3.60	0.00	. 510	-	1600	42	1.00	32.00	2784.00	210.00	2099.00	10000	66.70%	2250.00	2420.00	1.00	5319.00	3.55	5-00	3.55	1361,642529		5.5			1000	
Initial Production Initial Production	7/17/19 5:00 PM 7/17/19 6:00 PM		1.60	0.00	131	90	1636	42	1,00	34.00	3144,00 3792,00	224.00	3030.00		11.52% 11.30%	2232:00 1728:00	2513.00 2585.00	1.0%	5543.00 5773.00	3,71	0.00	3.71	1008,851369	0.1	3.5	0.5	101.A 122.3	5.0	0
Initial Production	7117119 7,00 PM		3.90	0.00	178	103	1674	42	1.00	36.00	4272.00	281.00			36.65%	2472.00	2588.00	15%	6054.00	4.03	0.00	4.03	912 921 3483	0.2	3.6	0.4	137.3	6.0	0
Initial Production	7/12/19 8:00 PM	Wider Whight = 9.8 ppg	4.00	0.00	164	103	1696	40	1.00	37.00	3036.00	267.00	3630.00		10.50%	2472.00	2791.00	10%	6321.00	4.20	0.00	4.20	1015,280168	02	37	0.4	127.0	4.1	0
Inital Production	7/17/19 9 00 PM	OI AP1 = 42.46 @ 60°F	2.00	0.00	140	104	1657		100	38.00	357E.00	253.00	3679.00		01.11%	2496.00	2865.00	17%	8574.00	430	0.00	4.90	1062 536821	0.2	4.0	0.5	115.4	62	D
Initial Production	7/17/19 10:00 PM		3.40	000	109	96	1984	42	100	39.00	2616.00	204.00		D.476		2290.00	2990.00	12%	6778.00	450	D-00	4.50	1299.09419	0.1	43	0.7	201.4	62	D
Initial Production	7117/19 11:00 PM		3.60	0.00	196	86	1670	42	1:00	40.00	3744.00	245.00			30.33%	2136.00	3079-00	1.0%	7023-00	4.00	0,00	4.00	1014.957295	01	42	0.5	120.8	63	0
Service Production	70000 4500 411	West Weight = 0.5 pag	470	200	194		1984	-	100	41.00	2001	212.00	4065.00	ST FARE	12.006	216420	3170.00	12%	77375 100	456	0.00	444	1987.327824	01	4.6	0.0	93.7	0.4	
Initial Production	7/18/19 12:00 AM	OLAPI = 42 15 @ 80°F H25 = 0 spm	4.90	000	121		1.00	-	1.00	41.00	2904.00	212.00	440.00	57.00%	292%	2164.00	3176.00	100	7235.00	-		4.86	1001.027604	1000	10	-	The same of	1	
Initial Production	7/18/19 1 00 AM		3.70	0.00	143	92	1530	42	1.00	42.00	5432.00	235.00	4208.00		9.15%	2208.00	3252.00	19%	7470.00	5.02	0.00	5.02	1079.086578	0.2	4.0	0.5	110.7	6.5	D
Initial Production	7/16/19 2:00 AM		3.80	0.00	123	85	1606	42	1.00	43.00	2952.00	208.00	4331.00		0.67%	2040.00	3347.00	1.9%	7676.00	5.18	8.00	5.05	1267.262673	0.1	48	0.0	95.2	66	D
Initial Production	7/18/19/3/00 AM	Water Weight = 0.9 pog	3.80	0.00	129	70	1643	4	100	44.00	3096.00	199.00	4400.00	100000000000000000000000000000000000000	E.18%	1680.00	3417.00	2.0%	7877 00	5.33	0.00	5 33	(227.390191	0.1	4.8	0.6	90.5	8.6	D
Initial Production	7/16/19 4:00 AM	O(AF) = 42.16 @ 60°F	3.90	0.00	154	103	1606	42	1.00	45.00	3936.00	267.00	0.00	81.62% 3	00.50%	2472.00	3520,00	20%	8144.00	5.50	0.00	5.50	960 8530565	0.2	5.1	0.5	127.0	6.7	D
Initial Production	7/18/19 5:00 AM		3.80	0.00	90	69	1660	42	1.00	46.00	2362 00	187,00	4722.00		17.59%	2136.00	3698 00	21%	8331.06	5.65	0.00	5.60	1015.040259	0.1	5.0	0.7	75.9	6.6	D
Initial Production Initial Production	7/15/19-0:00 AM 2/15/19 7:00 AM		3,90	0.00	16Z 145	93	1622	42	100	48.00	2760.00	255.00	4864 (0)		0.61%	2138.00	3792.00	21%	8586.00 6760.00	5.62	0.00	5.82	1003.08642	0.2	5.4	0.5	125.4 89.0	6.9	0
	(C) 1. (C	Water Weight = 0.5 pog				-		-					10000			600000	1000000						1		5.6	0.5	120.0	7.0	
Initial Production	7/18/19 6:00 AM	OF API = 42.87 @ 507	3.80	0.00	155	-	1624	4	1.00	49.00	3720.00	548 00		60.25% 3		2256.00	3685.00	22%	9030-00	614	0.00	9.14	1021.506376	0.2		- 64	410.0	77	-
Initial Production	7/16/19 9:00 AM 7/16/19 10:00 AM		3.80	000	193	86	1619	2	1:00	50.00	3432.00 4632.00			61 50% 3			3973.00 4057.00	23% 23%	3270-00	6.45	0.00	6.46	1107.228107 800.3799455	0.1	5.0	0.5	140.4	7.5	0
Initial Production	7116/10 11:00 AM	77.77	3.80	0.00	165	94	1629	- 4	1.00	62.00	3730.00			60.00% 0			4161.00	2.0%	9794-00	5.61	5.60	8.61	1001,806376	0.2	8.0	0.8	120.0	72	D
	No. of Contract of	Water Weight = 9:3 ppg						100				100000	10000										100000000000000000000000000000000000000		100	10000		42	
Initial Production	7/18/19 12:00 PM	CB API = 43.37 @ 60°F H2S = 0 cpm	3.90	0.00	931	65	1620	42	1:00	53.00	3964,00	196.00	5756.00	56.63% 4	13.37%	2040.00	4236 00	24%	1962.00	5.78	0.00	6.78	1463.963964	01	6.2	0.7	85.9	7.3	D
Initial Production	7/16/19 1:00 PM	700-700	3,90	0.00	155	90	1630	42	1:00	54.00	3730.00	245.00	5911.00	65.27% 3	10.73%	2160.00	4376.00	25%	10237.00	6.94	0.00	6.04	1048.367007	0.2	63	0.5	120.0	7.3	D
Initial Production	7/18/19 2:00 PM		3.90	0.00	174	91	1630	42	1.00	55.00	4176.00		9085.00	63.50% S	3434%	2184.00	4417.00	25%	10502.00	7.10	0.00	7.10	933 906046	0.2	0.5	0.4	134.7	7.4	0
Initial Production	7/18/19 3:00 PM	(3.00) Decrease choke to 40/64"	3.90	0.00	150	101	1620	42	100	56.00	3840.00	261.00	5245.00	61.30% 3	18.70%	2424.00	4518.00	2.6%	10763.00	726	5.00	7.26	1015,625	0.2	0.0	0.5	123.9	7.5	D
		(4:00) Decreuse choke to 38%4°. TFMC								1000			4000	200		ALL THE							10000		100000	10000		1 100.55	
Initial Production	7/16/19 4:00 PM	edjusts choke to Production Rate. Water Weight = 9.9 ppg	3.80	0.00	120	60	1738	40	190	57.00	2952 00	203.00	5356 00	60.59% 3	19.41%	1920.00	4506.00	28%	10005 00	7.02	0.00	740	1267.262873	0.1	83.	0.6	95.2	7.5	0
	1 2 2 2 2 2	OLAFI = 45.37 @ 60°F								10000			1000	13 12 3			1000						100			1 100	10000	1 10	
Initial Production	7/16/19 5:00 PM		3.00	0.00	152	54	1911	36	1.00	56 00	3045.00	236.00	6520 00	6141% 3	5.5Pk	2016.00	4682.00	27%	11202 00	7.58	0.00	7.56	1041 060057	0.1	5.2	0.4	117,7	7.6	D

Initial Production	7/15/19-6:00 PM	(6.00) Decreased Choke to a 36/64" to reach target goal of 120 884, full +/- 10	3.81	0.00				36	1:00	58.00	0.00	0.00	6520 00	170	400	0.00	4982.00	27%	11202.00	774	0.00	7.74	200	000	1	1000	0.0	7.7	0
Initial Production	7/18/19 7:00 PM	(8 00) Decrease choke to 34/6/F to reach	3.57	0.00	135	90	1861	*	100	80.00	3240.00	228.00	0005.00	59.21%	40.79%	2212.00	4775.00	27%	11430.00	7.89	0.00	7.89	1101.851852	0.1	62	0.5	104.5	7.7	D
Initial Production	7/15/19 E:00 PM	Sarget goal. Water Weight = 9.8 pog	3.52	0.00	140	es	1840	26	100	61.00	3604.00	231 00	6801.60	63.20%	36.80%	2040.00	4960.00	28%	11661.00	8.03	0.00	8.03	1004,59821	0.1	6.3	0.4	113.0	7.6	D
Initial Production	7/15/19/9:90 PM	(10:00) Decreased Choke to a 30/64' to	3.37	0.00	140	67	1901	34	100	62.00	3390.00	207.00	001100	67.63%	32.37%	1608.00	4927 00	28%	11558.00	8.17	0.00	8.17	1002.97619	0.1	0.2	64	102.4	73	0
Initial Production	7/18/19 10:00 PM	reach target goal of 120 BBL fluid +4 10 BBL	3.20	0.00	102	- 77		34	100	63.00	2446.00	179.00	7043.00	55.60%	43.02%	1648.00	5004.00	29%	12047,00	8.51	0.00	8.31	1343.954248		1000	14	79.0	7.0	D
Intial Production	7/18/19 11:50 PM	(12 00 AM) Decreased choke to a 30/6/	304	0.00	112	-77	1949	32	100	64.00	2666.00	169:00	7155.00	59.20%	40.70%	1848.00	5081 00	29%	12236.00	8.44	0.00	5.44	1130,952301	01	63	0.5	86.7	8.0	0
Initial Production	7/19/19 12:00 AM	to reach terpet goal. Water Weight = 9.6 pag Oil API = 41.87 g; 60°F HCS = 0 open	299	0.00	115	Si	1948	22	100	85.00	2790.00	174.00	7270.00	95.00%	33.51%	1416.00	6140.00	29%	12412.00	8.56	9.00	1.56	1083-383833	0.1	6.4	0.5	89.0	8.1	D
Initial Production	7/19/19 1:00 AM	1	243	0.00	77	65	2058	30	100	66.00	1848.00	142.00	7547.00	54.27%	45.77%	1500.00	5205.00	30%	17552.00	8.66	0.00	8.06	1314.935065	0.1	6.1	0.7	59.6	.61	0
Initial Production	7/19/19/2:00 AM	(2:00 AM) Decreased choice to a 25/64" to reach turost goal	237	0.00	129	ės	2546	30	190	67.00	3072.00	189.00	7475.00	67.72%	32.39%	1454.00	6266.00	30%	12741.00	8.76	0.00	6.76	771.484375	0.5	82	04	00.1	62	0
Initial Production	2/19/19/3/00 AM	(3:00 AM) Decreased choice to a 25/64" to reach terms goal	2.24	0.00	101	64	2034	28	100	68.00	2434.00	165.00	7576.00	81.29%	36.79%	1536.00	5330.00	31%	12905.00	6.00	0.00	8.80	824 0804082	0.1	63	06	76.2	6.2	0
Initial Production	7/19/19-4:00 AM	Water Weight = 9.8 pog Oil API = 41.87 db 60°F	2.08	0.00	70	59	2098	26	1.00	69.00	1660.00	129 00	7640.00	5420%	45.74%	1416.00	5389.00	31%	13035.00	894	0.00	8.94	1238-095236	01	62	0.8	512	8.3	0
Initial Production	7/19/19/5:00 AM		208	0.00	97	53	2077	28	190	70.00	2538 00	180.00	7743.00	64.67%	35.33%	1272.00	5442.00	31%	13165.00	9.03	0.00	9:03	893,4757904	0.9	6.3	0.6	751	8.4	0
Initial Production	7/19/19/0:00 AM		2.00	0.00	81	54	2071	26	100	71.00	1944.00	135.00		60.00%		1295.00	5496.00	32%	13320,00	9.15	0.00	911	1026 806584	0.1	64	0.7	40.7	8.4	- 0
Production through Facilities	7/19/19 7:00 AM		2.00	0.00	79	56	2083	26	0.30	72.00	1896.00	135.00	7903.00	58.52%	41.47%	1344.00	5852.00	32%	13455.00	9.20	0.00	5.20	1054 852321	0.1	6.5	0.7	012	8.5	0
Flowback operations complete	7/19/19 7/30 AM	(7:30) Turned over on a TFMC 2056" shoke to Production 2454" choke at 2,081 poligi. Manifold sand sample = 0.01%					2001	3	000	72.50	0.00	0.00	7903.00		mi-	9.00	9552.00	32%	13455.00	920	0.00	9:20		9.5	6.5	-	60	65	D
										1		10000	To the last		67							1							







			Date	9/18/2018
		Gener	ral Information	
Company N	ames	Hoss Bakken LLC, II		
LeasqWell:		88-FEDERAL 8-151-95-2	2122H-7	API 3305308081
Coordinates		LATITUDE/LONG	CITUDE I (b) (9)	
			tiel Flowback	
Start Date	& Time	End Date & Time	Rate: MMsd/d	Amount MMscf
9/19/18 9	30 AM	9/19/18 10:30 AM	1.97	0.0821
		Initial Produ	ction - Flave/Separate	
Start Date	& Time	End Date & Time	Rate: MMscf/d	Amount: MMsci
9/19/18 10	MA OE	9/23/1810:20 AM	2.60	9.9724
		Initial Produ	iction - Flare Facilities	
Stort Date	& Time	End Date & Time	Rate: MMscf/d	Amount: MMsci
9/19/18 10	30 AM	9/23/18 10:20 AM	0.35	0.0991
		Productio	n through Facilities	
Start Date		End Date & Time	Ratio: MMscf/d	Amount: MMscl
#N/	A	#N/A	0:00	0.000
Comments		directed by Lease Operator, ssor down.	High pipeline pressure.f-	(8-15 7:00-10:00 PM: Papeline
		Respu	msible Party (7)	
Name: Emails		Turmon Ti urmon@technipfmc.com P	litles Site Supervisor	Mobile 201-389-936



HES	55	40 CFR 60 SUBPA REPORTING PERIO	RT OOOOa ANNU D: 8/2/18 to 1	
			Date:	9/18/2018
	10	Gene	ral Information	
Company N	amer	Hoss Bakken LLC II		
Lease/Well:		BB-FEDERAL B-151-95-		308079
Coordinates		LATITUDE:/LON	GITUDE (b) (9)	
		Int	tial Flowback	
Start Date	& Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/26/181	30 PM	9/26/18 2:30 PM	0.00	0.0000
		Initial Produ	ction - Flare/Separator	S. Deck of the Land
Start Date	& Time	End Date & Time	Rate: MMscf/d	Amount MMscf
9/26/18 2	30 PM	9/29/18 8:20 AM	2.30	6.3321
	5.00	Initial Produ	uction - Flare Facilities	
Start Duty	& Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/26/18 2	30 PM	9/29/18/8/20 AM	0.43	0.4122
		Productio	n through Facilities	
Start Date	& Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/	Ä.	#N/A	0:00	0.0000
Comments:		sor down.	. High pipeline pressure.6-13-3	13 7:00-10:00 PM: Pipeline
		Respo	onsible Party (?)	

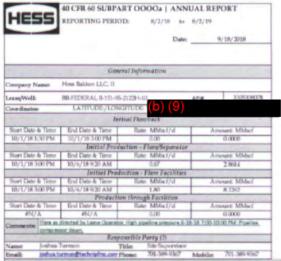
Digital Attachment of equipment layout

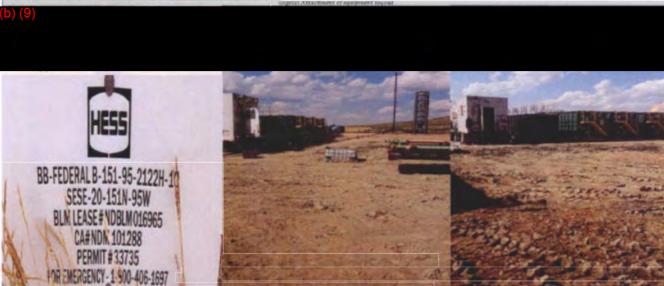


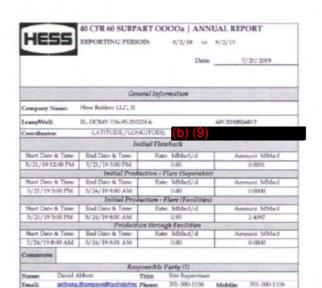


BB-FEDERAL B-151-95-2122H-9
SESE-20-151N-95
BLM LEASE#NDBLM016965
CA#NDM 101288
PERMIT #33736
FOR EMERGENCY 1-800-406-1697

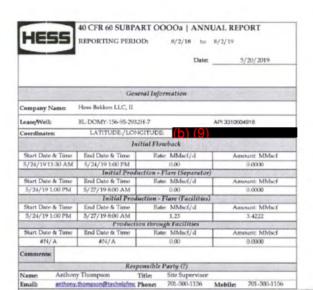


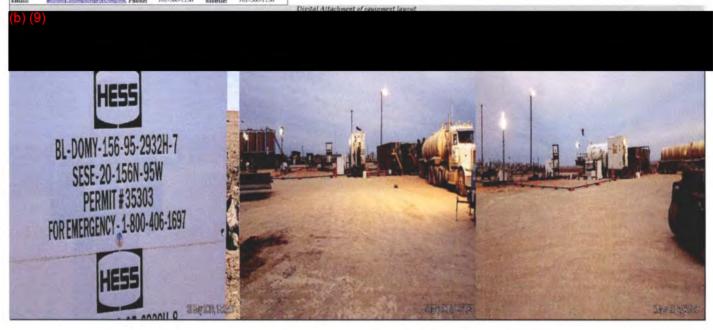






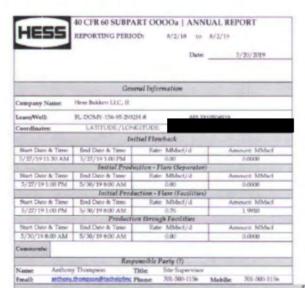
BL-DOMY-156-95-2932H-6
SESE-20-156N-95W
PERMIT #35302
FOR EMERGENCY-1-800-406-1697
HESS



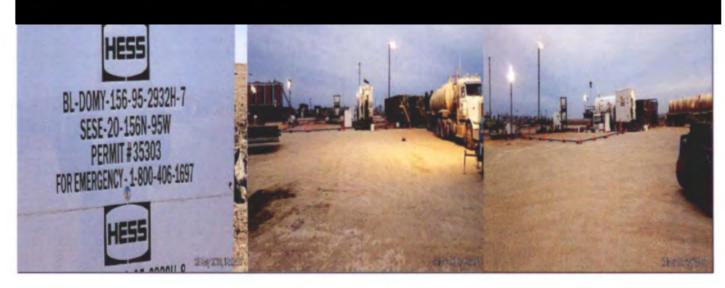




BL-DOMY-156-95-2932H-7
SESE-20-156N-95W
PERMIT #35303
FOR EMERGENCY-1-800-406-1697
HESS



(9)



			Dates		5/20/2019
	Gene	real Infor	metion		-
Company Name:	Hoss Bakken LLC, II				
LeasqWell:	BL-Domy-156-95-29328	API 3310564920			
Coordinates	LATITUDE/LON	GITUDE	-(b)(9)		
	Trei	itial Flor	oback	000	
Stort Date & Time	End Date & Time	Rate	: MMscf/d	Am	ount: MMscf
5/30/19 1:00 PM	5/30/19/2:00 PM		0.00		0.0000
			lare (Separator)		
Start Date & Time	End Date & Time	Fate	s. MMscf/d	Am	ount: MMscf
3/30/19 200 PM	6/2/19 8:00 AM		0.00		0.0000
			lare (Fucilities)		
Start Date & Time	Ered Date & Time	Rate	r. MMscf/d	Am	count: MMscf
5/30/19 2:00 PM	6/2/19800 AM		1.42		3.8927
	Products	ou throws	gh Facilities	-	
Stort Distr & Tirer	End Date & Time		MMw1/d	Arr	count: MMscf
#N/A	#N/A		0.00		0.000
Comments					
	Resp	onsible I	Party (7)		
Name Anthor	у Пкопрект	itle	Site Supervisor		
Finally Anthon	thomoson@technipfesc.1	min man	703-500-1356	Mobile	201-500-11

(b) (9)

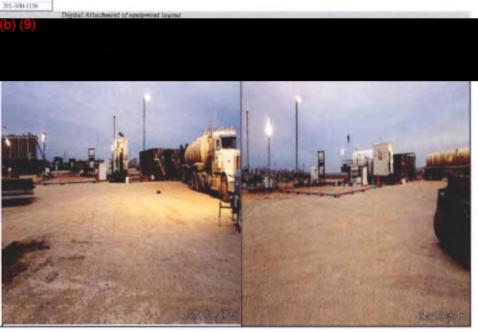


HESS	40 CFR 60 SUBPART OO REPORTING PERIOD:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	UAL REPORT 8/2/19		
		Date:	5/20/2019		
	General Infor	mation			
Company Name:	Hess Bakken LLC, III	API 33105	04921		

Coordinates:	CATHOLIC / DOTA	(b) (9)	
	Ini	tial Flowback	10.20
Start Date & Time	Ered Date & Time	Rate MMscf/d	Amount MMsci
6/2/1912:00 PM	6/2/19 5:00 PM	0:00	0.0000
	Initial Produ	ction - Flare (Separator)	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount MMscf
6/5/17 200 AM	6/5/19800 AM	0.00	0.0000
	Initial Produ	ction - Flare (Facilities)	
Start Date & Time	End Date & Time	Rate MMscf/d	Amount MMsci
6/5/17 2:00 AM	6/5/19 8:00 AM	0.94	2.3763
	Productio	on through Facilities	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMsci
6/5/198:00 AM	6/5/19900 AM	0.00	0.0000



BL-DOMY-156-95-2932H-10 SESE-20-156N-95W PERMIT #35306 FOR EMERGENCY - 1-800-406-1697



REPER TO COMMENTS ON CELLS FOR GUIDANCE

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Version 201801025 Clear data to create Flowback data for new well Show/Hide auto-populated data WELL DATA SUMMARY Hess Corporation CA-ANDERSON BMTH-155-96-2535H-2 Flowing Flowing Name CA-ANDERSON BMTH-155-96-2535H-2 CA-ANDE

FRAC JOB SUMMARY		
Type Frac Job	Hydraulic Frac	
TOTAL Clean Fixes Pumped	16,737,700	BBLS
TOTAL Sand Pumped	9,923,221	LBS
Proposed # Stages	35	Stage
Effective # Striges	35	Stage

Event	Date	Remarks	Flared Gas Rate Sales Gas Rate Off Volume Water Volume Tubing Press Choke Siz					
Phase	MM/DD/YY TIME	remarks.	Flared Gas Rate (FB) MMscfd	Millsofd	bblifur	Water Volume bbl/br	par(g)	in (#/64
	3/14/19 E-00 PM	Report start time	0.00	0.00	0	0	1077	0
Standard Work	3/11/19 6:30 AM	(8:30) Awaiting for Braun Trucking to arrive for service work, politines.					100	-
Standard Work	3/11/19 9:00 AM	(9.30) Service truck arrives. Begin Pulling		1			1572	
Standard Work	3/11/19 10:00 AM	lines. (10:00) Begin RDMO process.			A 1		1572	
ORGINGALD MADEY	311/19 10 00 MM	(11:00) Arp testing arrives. (11:30) Arp					1	
Standard Work	3/11/19 11:00 AM	pressure test begins. High test 4,500				-	1572	
Manager of Street	2444242	psi(g), Low Test 500 psi(g). (12:30) Pressure test complete. TFMC			AT .		1572	
Standard Work	3/11/19 12:00 PM	ready for opening		100			10/2	
NPT	3/11/19 1:00 PM	(1:00) Flare KnockOut High temp. Pad shut down, waiting for RO to arrive to					1573	
		fix issue.						
NPT	3/11/19 2:00 PM						1573	
NPT NPT	3/11/19 3:00 PM 3/11/19 4:00 PM						1572	
HP I	310104.00711	(4.30) Open Wall to few on a 1894"		100000	-		ALC: UNKNOWN	
a Mariana	Annual Service	with an IOP of 1,577 perg).					1577	18
Initial Flowback	3/11/19 4.30 PM	(4.45) Direct flow to HS0000, Gas to					1867	
		Surface.						
		(5.15) Object back to open top to united						
Initial Flowback	301/165 00 PM	Divert flow to H50000, Gas to surface				34	278	- 11
and the same	- mineral		244		**	44	422	- 15
Initial Flowback Initial Flowback	3/11/19 5 00 PM 3/11/19 7 00 PM	(7:00) Increase croke to 20:04" (7:00) Increase choke to 22:04"	023		- 27	108	837	27
Initial Production	3/11/19 7:05 PM	(7:95) Ol to Production on a 22/64" shoke						1
tilipai Production	Stille 1.55 PM	with a WHP of 837 psi(g (6:00) Increase choke to 24/64" Water						
Initial Production	3/11/19 8:00 PM	Weight = 9.9 ppg	0.98	0.00	2	64	803	22
		ORAPI = 43.85 @ 60°F				-		
Initial Production Initial Production	3/11/19 9:00 PM 3/11/19 10:00 PM	(9:00) Increase choke to 26/64" (10:00) Increase choke to 26/64"	0.88	0.00	6	91 79	658 670	24 26
Initial Production	3/11/19 11 00 PM	(11:00) increase choke to 30/64"	0.78	0.00	11	84	858	28
		(12:00) Increase choke to 32/64" Water						
Initial Production	3/12/19 12:00 AM	Weight = 9.9 ppg Oil API = 43.35 @ 60°F	0.57	0.00	12	83	867	30
		H2S = 0 ppm		10000				
Initial Production	3/12/19 1:00 AM	(1:00) Increase choice to 34/64"	0.74	0.00	18	93	897	32
Initial Production	3/12/19 2:00 AM	(2:00) Increase choke to 36/64"	0.91	0.00	25	86	852	34
Initial Production	3/12/19 3:00 AM	(3.00) Increase choke to 38/64" (4.00) Increase choke to 40/64"	0.85	0.00	23	120	827	36
Initial Production	3/12/19 4:00 AM	Water Weight = 9.9 ppg	1.02	0.00	28	109	837	38
Lawred Bland of the		Oli API = 43.14 @ 50°F	400	0.00	200	102	890	40
Initial Production Initial Production	3/12/19 5:00 AM 3/12/19 6:00 AM	(6:00) increased choke to 42/64" (6:00) increase choke to 44/64"	129	0.00	36 40	108	876	42
Initial Production	3/12/19 7:00 AM	(7:00) Increase choke to 46/54*	1.53	0.00	41	108	871	44
		(8:00) Increase cheke to 48/54*			-			
Initial Production	3/12/19 8:00 AM	Water Weight = 9.9 ppg OI API = 42.9 @ 50°F	1.65	0.00	40	114	900	46
Initial Production	3/12/19 9:00 AM		1.79	0.00	50	114	917	48
Initial Production	3/12/19 10:00 AM		1.02	0.00	67	119	915	40
Initial Production	3/12/19 11:00 AM	Water Weight = 9.9 ppg	1.98	0.00	57	109	930	48
Initial Production	3/12/19 12:00 PM	Oil API = 43.79 @ 60°F	2.03	0.00	59	113	938	48
		H2S = 0 ppm						
Initial Production Initial Production	3/12/19 1:00 PM 3/12/19 2:00 PM		2.05 2.08	0.00	61 64	109	916 936	48
Initial Production	3/12/19 3:00 PM		2.07	0.00	63	99	064	48
Initial Production	3/12/19 4:00 PM	Water Weight = 9.9 ppg	2.19	0.00	62	100	968	46
Initial Production	3/12/19 5:00 PM	Of API = 42.9 @ 50°F (5:00) increased choke to 50/54°	2.13	0.00	64	109	1008	50
Initial Production	3/12/19 6:00 PM	(a not) successed cubits to poods.	2.13	0.00	66	94	987	50
Initial Production	3/12/19 7:00 PM	The second second	2.48	0.00	67	98	967	50
Initial Production	3/12/19 8:00 PM	Water Weight = 9.9 ppg	2.50	0.00	74	99	969	50
Initial Production	3/12/19 9:00 PM	Oil API = 42.62 @ 60°F	2.52	0.00	70	98	964	50
Initial Production	3/12/19 10:00 PM		2.54	0.00	79	104	967	50
Initial Production	3/12/19 11:00 PM	an university of the	2.42	0.00	71	94	985	50
Initial Production	3/13/19 12:00 AM	Water Weight = 9.9 ppg OEAPI = 43.49 @ 60°F	2.41	0.00	76	94	1012	50
Annual Production	3/13/10 12:00 AM	H2S = 0 spm	241	2.00	/4		1312	
Initial Production	3/13/19 1:00 AM		2.40	0.00	73	101	1008	50
Initial Production	3/13/19 2:00 AM		2.56	0.00	63	93	975	50

Initial Production	3/13/19 3:00 AM		2.66	0.00	72	58.	985	50
Initial Production	3/13/19 4:00 AM	Water Weight = 9.9 ppg Oli API = 42.48 @ 50°F	2.70	0.00	70	96	892	50
Initial Production	3/13/19 5:00 AM	CANAL AS AS GROVE	2.63	0.00	78	03	056	50
Initial Production	3/13/19 6:00 AM		2.66	0.00	78	93	957	50
Initial Production	3/13/19 7:00 AM		2.63	0.00	77	100	953	50
Initial Production	3/13/19 8:00 AM	Water Weight = 9.9 ppg	2.57	0.00	69	89	950	50
		OI API =41.46 @ 60°F						150
Initial Production	3/13/19 9:00 AM		2.55	0.00	73	93	960	50
Initial Production	3/13/19 10:00 AM		2.54	0.00	70	107	944	50
Initial Production	3/13/19 11:00 AM	Water Weight = 9.9 ppg	2.56	0.00	73	94	945	50
Initial Production	3/13/19 12:00 PM	Oil API = 40.91 @ 60°F	2.59	0.00	75	92	940	50
		H28 = 0 ppm			1	AL ALLE		
Initial Production	3/13/19 1:00 PM		2.55	0.00	76	93	948	50
Initial Production	3/13/19 2:00 PM		2.53	0.00	72	89	933	50
Initial Production	3/13/19 3:00 PM		2.57	0.00	75	94	938	50
Initial Production	3/13/19 4:00 PM	Water Weight = 9.9 ppg	2.63	0.00	73	91	940	50
Initial Production	3/13/19 5:00 PM	Oil API =41.46 @ 60°F	2.57	0.00	75	88	032	50
Initial Production	3/13/18 6:00 PM	And the state of t	2.83	0.00	80	94	930	50
Initial Production	3/13/19 7:00 PM		2.63	0.00	72	87	964	50
		Water Weight = 9.9 ppg			1000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	100000
Initial Production	3/13/19 8:00 PM	Oil AP1=42.57 @ 60°F	2.54	0.00	72	86	958	50
Initial Production	3/13/19 9:00 PM		2.49	0.00	70	88	938	50
Initial Production	3/13/19 10:00 PM		2.48	0.00	71	83	934	50
Initial Production	3/13/19 11:00 PM		2.51	0.00	70	92	934	50
	Control of the same	Water Weight = 9.9 ppg		1 - 1 - 1				-
Initial Production	3/14/19 12:00 AM	Oil API = 42.42 @ 80°F	2.55	0.00	72	83	936	50
Initial Production	3/14/19 1:00 AM	H2S = 0 ppm	2.56	0.00	68	86	927	50
Initial Production	3/14/19 2:00 AM	The state of the s	2.54	0.00	73	87	911	50
Initial Production	3/14/19 3:00 AM		2.66	0.00	72	90	909	50
Initial Production	3/14/19 4:00 AM	Water Weight = 9.9 ppg	2.00	0.00	71	91	905	50
		Oil AP1 =42.57 @ 60°F					1 15 15 15 15	A Company of the Company
Initial Production	3/14/19 5:00 AM		2.64	0.00	70	92	899	50
Initial Production	3/14/19 6:00 AM		2.00	0.00	76	82	908	50
Initial Production	3/14/19 7:00 AM	Water Weight = 9.9 ppg	2.70	0.00	68	89	900	50
Initial Production	3/14/19 8:00 AM	Oil AP1 - 41.69 @ 80°F	2.67	0.00	73	97	913	50
Initial Production	3/14/19 9:00 AM		2.66	0.00	71	81	903	50
Initial Production	3/14/19 10:00 AM		2.68	0.00	69	90	698	50
Initial Production	3/14/19 11:00 AM	The state of the s	2.67	0.00	71	92	891	50
THE REAL PROPERTY.	Service Control	Water Weight = 9.9 ppg	1821	70213000	1	THE PASSELL ST	The state of the s	
Initial Production	3/14/19 12:00 PM	Ol API = 42.46 @ 60°F	2.63	0.00	72	85	901	50
Initial Production	3/14/19 1:00 PM	H2S = 0 ppm	2.50	0.00	89	95	949	50
Initial Production	3/14/19 2:00 PM		2.01	0.00	80	72	991	50
Initial Production	3/14/19 3:00 PM		2.50	0.00	58	85	909	50
AND THE RESERVE AND THE PARTY OF THE PARTY O		Water Weight = 9.9 ppg			74	ALC: NOT DELL'		
Initial Production	3/14/19 4:00 PM	Oil API 43.05 @ 50°F	2.62	0.00	74	86	887	50
Initial Production	3/14/19 5:00 PM		2.64	0.00	70	90	891	50
Initial Production	3/14/19 6:00 PM	The state of the s	2.67	0.00	74	85	896	50
Initial Production	3/14/19 7.00 PM		2.66	0.00	78	96	890	50
Initial Production	3/14/19 8:00 PM	Water Weight = 9.9 ppg Oil API = 42.51	2.00	0.00	72	89	879	50
Initial Production	3/14/19 9:00 PM	C# AP1 = 42.51	2.70	0.00	72	91	881	50
Initial Production	3/14/19 10:00 PM		2.69	0.00	71	87	890	50
Initial Production	3/14/19 11:00 PM		2.68	0.00	74	-91	889	50
-	214141110114	Water Weight = 9.9 ppg		1	1			
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Initial Production	3/15/19 4:00 AM	Water Weight =9.9 ppg Oli API = 42.25	2.68	0.00	73	97	885	50
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Total P. Tot	relacione notacione notaci	NETWORKS THE NETWORKS TO SHAPE STATE OF THE NETWORK TO SHAPE STATE	17 (2) Clark for the Land Control (17 (2) Clark for	1.00	600 600 600 600 600 600 600 600 600 600	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		### (### (###) ### ##########	化 医乳球 化 医乳球 化 化聚烷 化 化聚烷 化 化聚烷 化 化聚烷 化 医乳状 化 医乳素 化 化异氯化 化 化异氯化 化 化聚氯化 化聚物 化聚物 化聚物 化聚物 化聚物 化聚物 化聚物 化聚物 化聚物 化聚	10 10 10 10 10 10 10 10 10 10 10 10 10 1	## 40	3 ME 100	10 mm (10 mm)	100 to 10	11 (1971) 11 (1971) 12 (1971) 13 (1971) 14 (1971) 15 (1971)	9.00 mm m	1986-95 1991-9	100 100 100 100 100 100 100 100 100 100	Principal	200 200 200 200 200 200 200 200 200 200	100 100 100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	600,00000 etc. 20000 e	## ## ## ## ## ## ## ## ## ## ## ## ##	## 22 25 25 25 25 25 25 25 25 25 25 25 25	20	000 000 000 000 000 000 000 000 000 00	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ව න වැඩිමට වැඩි මිලින් වැඩිමට සිට මින්නම් සිට මින්නම් සිට
Table P. Trible	relacione rolacione rolaci	NETWORKS TO A STATE SEED TO A	T 20 Clean Service to Flow to Control T 20 Clean Service to Flow to Control Service Things - 10 clean CA 20 - 0.10 d 20 cm Flow to Case - 0.10 d 20 cm Flow to Case - 0.10 d 20 cm CA 20 - 0.10	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	600 600 600 600 600 600 600 600 600 600			### (### (### (###) ### ##########	化物物 化 化物物 化 化物物 化 化物物 医 化物物 医 化物物 化 化物物 化 化物物 化 化物物 化		## 40 Miles	\$100 100	107 0 100 0	1991-199 1991-199	11 (1971) 11 (1971) 12 (1971) 13 (1971) 14 (1971) 15 (1971)	9.00 mm m	1986-95 1991-9	100 100 100 100 100 100 100 100 100 100	Principal Prin	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	100 100 100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	600,00000 etc. 20000 e	## ## ## ## ## ## ## ## ## ## ## ## ##	## 22 25 25 25 25 25 25 25 25 25 25 25 25	20 00 00 00 00 00 00 00 00 00 00 00 00 0	000 000 000 000 000 000 000 000 000 00	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ି । ପ୍ରାଣଣ କରି କିଥିବି । ପ୍ରାଣଣ କରିଥିବି ।
Total P. Tot	relacione consistente del cons	NETWORKS THE SECTION OF SECTION O	27 (2) Clean feet for the condition of t	1.00 2.17 2.18 2.18 2.18 2.18 2.18 2.18 2.18 2.18	600 600 600 600 600 600 600 600 600 600			### (### ### ### ### ### ### ### ### ##	化化物 化化物 化化物 化化化物 化化物 化化物 化化物 医化物 化化物 化化物		M 4	\$ 160 miles (100 miles	1070 (1000 (1991.15 45 1991	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9-10 950-10 100-10	1986-95 1981-9	100 100 100 100 100 100 100 100 100 100	11 12 13 13 13 13 13 13	1-19 200 200 200 200 200 200 200 200 200 20	144 145 145 145 145 145 145 145 145 145	100 100 100 100 100 100 100 100 100 100	100 (100 to 100	## ## ## ## ## ## ## ## ## ## ## ## ##	## 122 225	20	100 100	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ି । ପାର୍ଥିତ । ପାର୍ଥିତ କାର୍ଥିତ ବାର୍ଥିତ ଓ ବିବର୍ଷ କରିଥିବା ଓ ଅବସ୍ଥାତ ବାର୍ଥିତ ଓ ଅବସ୍ଥାତ । ଅବସ୍ଥାତ ଓ ଅ
Total P. Tot	relacione	STETUTE SEED THE STETUT	27 (2) Class for the law on Control 17 (2) Class for the law (2) control 18 (2) c	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	600 600 600 600 600 600 600 600 600 600			### (### (### (### (### (### (### (###	化物物 化 化物物 化 化物物 化 化物物 医 化物物 医 化物物 化 化物物 化 化物物 化 化物物 化		M 4 15 16 16 16 16 16 16 16	\$ 180 miles (1997) (199	10 mm (10 mm)	1991 139 1992 139 1993 139	1	9.00 100.0	1986-95 1991-9	100 100 100 100 100 100 100 100 100 100	11 12 13 13 13 13 13 13	1-10 200 200 200 200 200 200 200 200 200 2	144 (15) 14) 14) 14) 14) 14) 14) 14)	100 100 100 100 100 100 100 100	600,0000000000000000000000000000000000	## ## ## ## ## ## ## ## ## ## ## ## ##	## 122 225	20	100 100	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ି ଥା ଥା ଥା ଥିଲା । ଜଣ ବିଶ୍ୱ କଥା ଥା ଥିଲା ଥିଲା ହିନ୍ଦିର ଓ ପର୍ଷତ ବିଶ୍ୱର ଅନ୍ତର୍ଶ ଥା ଅଟଣ କଥାବିଥି । ଅଟଣ କଥାବିଥି ଥା ଅଟଣ କଥାବିଥି ଥିଥା ଥିଥା ଥା ଅଟଣ କଥାବିଥି ଥିଥା ଥିଥା ଥିଥା ଥିଥା ଥିଥା ଥିଥା ଥିଥ
Total P. Tot	relacione	STETUTE SIZE THE STETUTE SIZE	27 (20) Case of Case o	1.00 2.17 2.18 2.18 2.18 2.18 2.18 2.18 2.18 2.18	600 600 600 600 600 600 600 600 600 600			### (### (### (### (### (### (### (###	化化物 化化物 化化物 化化化物 化化物 化化物 化化物 医化物 化化物 化化物		## 40	\$ 160 miles (1994) (199	10 mm (10 mm)	1991.03 40 1991	1	9-10 950-10 100-10	1984 0. 10 10 10 10 10 10 10 10 10 10 10 10 10	100 100 100 100 100 100 100 100 100 100	11 12 13 13 13 13 13 13	200 200 200 200 200 200 200 200 200 200	100 100 100 100 100 100 100 100 100 100	20年	600 (1900) 600 (1900)	## ## ## ## ## ## ## ## ## ## ## ## ##	22 22 22 22 22 22 22 22 22 22 22 22 22	201 02 02 02 02 02 02 02 02 02 02 02 02 02	60 60 60 60 60 60 60 60 60 60 60 60 60 6	50 50 50 50 50 50 50 50 50 50 50 50 50 5	ව නැ. නැ. කියිම ම . කිසිම ම . කිසිම නි. කිසිම නි මිම්බන ස මන්ම ම . කිසිම ම මිම්බන සා මන්නි නි. කිසිම නි මන්න සා මන
Table P. Trible	relacione	STETUTE SEED THE STETUTE SEED STETUT SEED STETUTE SEED STETUT SEE	27 (2) Clean feet to File on Core 17 (2) Clean feet to File on Core Clean Feet to Clean feet to Clean File of Clea	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	600 600 600 600 600 600 600 600 600 600			### (### (### (### (### (### (### (###	化二甲基甲基甲甲基甲甲基甲甲基甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲		## 40	\$ 160 miles (1)	10 mm (10 mm)	100 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9.00 mm m	1984 0.0 (1984 0	100 100 100 100 100 100 100 100 100 100	11 12 13 13 13 13 13 13	100 200 200 200 200 200 200 200 200 200	100 100 100 100 100 100 100 100 100 100	10年 10年 10年 10年 10年 10年 10年 10年	encylenter ent action of the control	## ## ## ## ## ## ## ## ## ## ## ## ##	22 22 22 22 22 22 22 22 22 22 22 22 22	20	60	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ି । ପ୍ରତିକ୍ତି । ଶିକ୍ତି ବା ଶିକ୍ତି କା ଗଣ୍ଡି । ପ୍ରତିକ୍ତି କିତିଆ ନା ପ୍ରତିକ୍ତି କାର୍ଥିତ ଓ ବିଷ୍ଟିକ୍ତି କ୍ରିକ୍ତି । ସମ୍ପର୍ଶ କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ପର୍ଶ କ୍ରେକ୍ତି । ସମ୍ପର୍ଶ କ୍ରେକ୍ତି । ସମ୍ପର୍ଶ କ୍ରେକ୍ତି । ସମ୍ପର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବର କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମୟ ସମ୍ବର୍ଗ କ୍ରେକ୍ତି । ସମ୍ବ
Table P. Trible	relacione	NETWORKS THE STATE OF THE STATE	27 (20) Case of Case o	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	600 600 600 600 600 600 600 600 600 600			### (### (### (### (### (### (### (###	化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	* **** * **** * *** * *** * *** * *** *	## 40	\$ 160 100	10 mm (10 mm)	1991-199 1991-199	1 1 1 1 1 1 1 1 1 1	9.00 mm m	1984-95 1984-95 2984-9	100 100 100 100 100 100 100 100 100 100	Principal Prin	100 200 200 200 200 200 200 200 200 200	100 100 100 100 100 100 100 100 100 100	20年	600 (1900) 600 (1900)	## ## ## ## ## ## ## ## ## ## ## ## ##	## 122 225 226	20	100 100	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ି ଥା ଥା ଅନିକୃତି । ଅନିକୃତି କା ଅନିକୃତି ଅନିକୃତି ଅନିକୃତି ଅନିକୃତି । ଅନିକୃତି ଅନିକୃତି ଓ ଅନୁକୃତି ଅନିକୃତି । ଅନୁକୃତି ଅନିକୃତି । ଅନୁକୃତି ଅନିକୃତି । ଅନୁକୃତି । ଅନ୍ୟର । ଅନ୍ୟର । ଅନ୍ୟର । ଅନ୍ୟର
Total P. Tot	relacione consistente con cons	아니다 아는데 이 이 아니다	27 (2) Clean for the law of the l	1.00 2.07 2.00 2.00 2.00 2.00 2.00 2.00 2	600 600 600 600 600 600 600 600 600 600			### 100	化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	10 10 10 10 10 10 10 10 10 10 10 10 10 1	M 4 15 15 15 15 15 15 15	\$ 160 (100 pt) \$ 100	100 mm m	1991.03 1992	1	9.00 mm m	1984 0. 10 100 0	100 100 100 100 100 100 100 100 100 100	11 12 13 13 13 13 13 13	1-19 200 200 200 200 200 200 200 200 200 20	144 145 145 145 145 145 145 145 145 145	100 100 100 100 100 100 100 100 100 100	600 A 200 A	## ## ## ## ## ## ## ## ## ## ## ## ##	22 22 22 22 22 22 22 22 22 22 22 22 22	20	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	60 60 60 60 60 60 60 60 60 60 60 60 60 6	ව ය. සම්බ ව . සම්බ ව සම්බ ව සම්බ ස විශ්ව වී කිව්වය සා වසට ව . සමග ව වසරේ වී කිරීම වී සමග ව මිසිම වී සමග ව මිසිම ම සමග ව . සමග වැඩි සමග ව . සමග වී කිරීමය සා වසට ව . සමග ව මිසිම ව . සමග විශ්ව විශ්ව විශ්ව විශ්ව සමග විශ්ව විශ්

ersion 201801025	WELL DA	TA SUMMARY
	Company frame	Hees Corporation
Clear data to	Well Name	CA-ANDERSON SMITH-155-96-2635H-4
create Flowback	API Number	
and a second sec	Area Work Tears	8
data for new well	Field	CA
	Fernance	TF
	Area (Acres)	1280
	Date on Location	2/28/2019
	Intel Flowback Date	3/7/19 2:00 PM
	Flowback Company	TechnipFMC
Show/Hide auto-	Responsible Contractor	Josh Turmon
	Physic Contact	701-389-9367
populated data	Intellibrate Tubing Pressure (Pel	1,194
No. of Contract of	FRAC JO	OB SUMMARY
	Type Frac Jub	Hydraulic Frac
	TOTAL Clean Fluid Fumped	170,284
	TOTAL Sand Pumped	9,979,817

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By: Flowback Crew / Hess FB Supervisor Flowback Automatic

Event	Date MMIDDRYT TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate	Oil Volume	Water Volume bowhr	Tubing Press pol(g)	Choke Size	Salinity	Sand	The Temp	Static	Meter Temp	Diff	Ptate	Intermediate Gasing	Surface Gasing	H-2 Pressure
Standard Work	3/7/19 9:00 AM	(9:00) TFMC Begin RDMO process					1150										-	950
Standard Work	3/7/19 10:00 AM	- Intel It was some trained broken					1150								10			950
Standard Work	3/7/19 11:90 AM						1150											950
	3/7/19 12:00 PM	(12:00) Continue RDMO Process					1150											950
Standard Work	3/7/19 1 00 PM	(12:00) Continue RUMO Process					1174											950
Standard Work																		
Standard Work	3/7/19 2:00 PM						1175									Marie Y		950
Standard Work	3/7/19 3:00 PM				-		1190											950
Standard Work	3/7/19-4:00 PM						1194											950
Islai Fireback	3/7/16 S 00 PM	(5.10) Open Well to fore on a 18/04" stake with an IOF of 1194 page: Report the bypean to the open top.					3104	**	290,000	0.01	45				1	50		1000
tellal Flowback	3/19/610/PM	(8.00) Increase shoke to 20.63" (6.05) Divertifies to H30060 once gus and of reached surface.				(54	660	10	300,000	0.01	72		1			200	0	1050
Initial Production	3/7/19 6 20 PM	(6:20) Oil to Production on a 20/64"					649						100			Y	0	1050
Initial Production	3/7/19 7:00 PM	(7:00) Increase choke to 22/64"	0.45	0.00	2	73	558	20	300,000	0.01	120	101	55	1.4	1.375	350	0	1050
		(8 00) Increase choke to 24/64"				17	1000	-	400,000		-	1			1		1	1000
Initial Production	3/7/19 8 90 PM	Water Weight = 10 ppg Oil API = 43.05 db 60°F	0.34	0.00	a	81	808	22	300,000		129	13	73	1.1	1.375	50	50	1075
Initial Production	3/7/19 9:00 PM	(9:00) Increase choke to 25/64"	0.46	0.00	17	46	825	-24	300,000	0.01	128	102	71	2.2	1.375	50	0	1100
Initial Production	3/7/19 10:00 PM	(10:00) Increase choke to 28/64"	0.89	0.00	11	70	852	26	300,000	0.01	130	168	96	2.4	1.375	250	63	1200
Initial Production	3/7/19 11:00 PM	(11:00) increase choke to 30/64"	0.55	0.00	19	70	578	28	300,000	0.01	130	163	102	29	1.375	0	10	1300
Initial Production	S/6/19 12:00 AM	(12:00) Increase choke to 32/64* Water Weight = 10 ppg	0.58	0.00	23	73	901	30	300,000	0.01	143	170	111	4.6	1.375	400	25	1350
	3/8/19 1:00 AM	Ol API = 42.62 @ 60°F H2S = 0 ppm					-		****		480		***					
Initial Production			0.79	0.00	28	90	928	32	300,000	0.04	150	148	118	8.2	1.375	450	73	1350
Initial Production	3/8/19 2:00 AM		0.79	0.00	30	101	951	32	300,000	0.06	155	150	123	6.8	1.375	0	0	1350
Initial Production	3/8/19 3:00 AM	management and the	0.84	0.00	34	97	974	32	300,000	0,1	154	166	130	6.4	1,375	100	88	1350
Initial Production	3/8/10 4:00 AM	Water Weight = 10 ppg Oil API = 43.85 (b) 60°F	0.69	0.00	22	67	1005	32	300,000	0.08	156	170	132	7.2	1.376	0	50	1350
Initial Production	3/6/19 5:00 AM		1.10	0.00	30	101	1017	32	300,000	0.03	161	165	134	8.6	1.375	0	50	1450
Initial Production	3/6/19 5:00 AM		1.10	0.00	32	65	1049	32	290,000	0.03	158	137	130	13	1,375	0	2	100
Initial Production	3/8/19 7:00 AM	The second second second second	1.10	0.00	30	89	1001	32	290,000	0.03	161	142	137	13	1.375	0	162	1500
Initial Production	2/8/19 8:00 AM	(8:00) Increase choke to 34/64" Water Weight = 10 ppg O8 API = 40.64 @ 80"F	1.20	0.00	20	86	1082	32	290,000	0.00	180	148	136	13	1.376	25	210	1550
Initial Production	3/8/10 9:00 AM	(9:00) Increase choke to 35/64"	1.20	0.00	36	60	1079	34	290,000	0.03	161	189	140	13	1.375	50	70	1600
Initial Production	3/8/19 10:00 AM	(10 00) increase choke to 38/64"	1.20	0.00	41	93	1089	36	290,000	0.05	162	187	140	13	1.375	200	133	1600
Initial Production	3/8/19 11:00 AM	(11:00) increase choke to 40/94"	1.50	0.00	47	93	1063	38	290,000		163	187	138	13	1.375	200	78	1600
Initial Production	3/8/19 12:00 PM	Water Weight = 10 ppg Oil API = 41.3 @ 60°F	1.90	0.00	50	113	1064	40	290,000	000	170	173	130	32	1.375	150	76	1600
		H2S = 0 ppm		124		100	144	-	****	200	Lane.	1	100	1	100			
Initial Production	3/8/19 1:00 PM	and the state of t	1.90	0.00	57	100	1064	40	294,000	0.05	167	177	154	33	1.375	150	100	1600
Initial Production	3/8/19 2:00 PM	(2:00) increase choke to 42/64*	1.90	0.00	55	100	1071	40	294,000	0.16	168	180	155	33	1.375	150	100	1600
Initial Production	3/8/19 3:00 PM		1.90	0.00	61	110	1071	42	294,000	0.12	168	182	165	33	1.375	150	100	1600
Initial Production	3/8/19 4 00 PM	Water Weight = 10 ppg Oil API = 40:64 委 60°F	1.90	0.00	63	101	1079	42	296,000	0.15	171	181	154	53	1.375	150	100	1600
Initial Production	3/8/19 5:00 PM		2,10	0.00	05	103	1087	42	294,000	0.1	120	208	158	36	1.375	100	19	1600
Initial Production	3/8/19 6:00 PM		2.22	0.00	64	100	1104	42	294,000	0.1	177	216	154	36	1,375	100	43	1600
Initial Production	38/19 7:00 PM		2.30	0.00	67	104	1116	42	294,000	0.06	176	203	155	41	1.375	200	48	1600
		Water Weight = 10 ppg																
Initial Production	3/8/19 8:00 PM	OR API = 43.06 (0.00°F	2.30	0.00	62	101	1095	42	294,000	0.08	179	206	155	43	1.375	200	43	1600
Initial Production	3/8/19 9:00 PM		2.28	0.00	69	102	1106	42	294,000	0.07	177	204	152	40	1.375	200	44	1600
Initial Production	3/6/19 10:00 PM		2.37	0.00	68	93	1099	42	294,000	0.00	176	216	154	48	1.375	250	43	1600
Initial Production	58/19 11:00 PM		2.38	0.00	75	100	1116	42	294,000	0.07	178	221	158	42	1,375	250	42	1600
Initial Production	3/9/19/12:00 AM	Water Weight = 10 ppg Of API = 42.44 @ 80°F	2.32	0.00	67	108	1106	42	294,000		177	212	155	40	1.375	250	56	1600
		H2S = 0 ppm																1
Initial Production	3/9/15 1 00 AM		2.27	0.00	65	100	1140	42	294,000	0.06	170	218	157	42	1,375	100	79	1600

March Andread 1969																		
Main Probability 20-00 2	Initial Production	3/9/19 2:00 AM		231	0.00	80	93	1155	42	294,000 0.05	178	218	155	40	1.375	200	110	1600
See 1 - See 2	Initial Production	3/9/19 3:00 AM	Annual School Services	2.32	0.00	62	101	1134	42	294,000 0.06	177	216	155	38	1.375	250	25	1600
March Production 1997-1999 1997-1999 2.50 100 170 18 180 180 1997-1999 100 1909-1999 100	Initial Production	3/9/19 4:00 AM		2.33	0.08	62	90	1124	42	294,000 0.06	179	220	156	40	1.375	260	50	1600
Main Frendame 2007 10 AM 2008 10 AM		3/0/00 6:00 AM	Of APT = 42.42 & 60°F					1							1000		100	100
Main Production 2019/12/20/M 1000 10	Address of the Address of the	An of the William Land				1	74	1,100		energene energy							1 100	1000
Mate Production 300-1-50 AM Color Prod Letter 2.31 Color 60 Am 140 Am 2.40 Am 2.50 Am						1	08											
Column C			Water Weight = 9.9 ppg		0.5		75				/40							
March Probability 2019 100 AM 2019 100	Initial Production	3/9/19 6:00 AM		2.31	0.00	08	80	1185	42	288,000 0.05	172	210	158	38	1.375	200	20	1600
Main Production 2001 1120 AM 2011 A	Initial Production	3/9/19 9:00 AM	1	2.90	0.00	58	77	1238	42	288,000 0.04	170	190	132	. 36	1.375	200	50	1610
March Marchaeller 1967 1	Initial Production	3/9/19 10:00 AM		2.30	0.00	70	79	1132	42	288,000 0.06	170	222	135	40	1.375	300	84	1610
Select Production 2001 10 Part	Initial Production	3/9/19 11:00 AM	The state of the s	2.58	0.00	60	99	1135	42	288,000 0.05	170	227	135	40	1.375	300	78	1610
Main Production 1997 199	Initial Production	3/9/19 12:00 PM	Ol API = 41.79 @ 60°F	2.37	0.00	70	97	1159	42	288,000 0.05	171	223	130	40	1.375	400	100	1610
Marie Production 1999 20 PM "Secretary Target Marie 2.23 0.00 66 77 77 1191 47 200.00 203 107 219 134 39 129 100 129 120			H2S = 0 ppm													-		
Part Production 2009 3-00 PM 1999 3-00 PM		Married Color of the Color of t		2,42	7.77	1 22		1,140	1				1.000	-		-	100	70.10
Maria Peladelina Service of Processing Page							9.											
Marin Production 2017-10 CO PM 2017-10 C	STREAM PTOGLICATION	3810 3.00 PM	setSand Demontana Toront Mores	4.24	0.00	00	04	1149		200,000 0.03	100	210	104	- 20	1,379		1000	1015
Production	Initial Production	3/9/19 4 00 PM	Water Weight = 9.9 ppg	2.37	0.00	72	85	1166	42	268,000 0.04	170	229	138	41	1.375	50	50	1610
March Physicists Service Coll Mr. Service Col	Initial Production	39/19 5:00 PM	Grant Grant Grant	244	0.00	72	BO	1118	42	286 000 0 03	170	231	142	40	1.375	50	0	1610
March Personal		3/9/19 6:00 PM		2.45	0.00	1	77	1114		Management States			144	100	1.375	50	0	1610
March Marchaller April 1907	Initial Production	3/9/19 7:00 PM		2.48	0.00	77	77	1110	42		177	239	148	40	1.376	50	14	1610
Main Probablem 36979 150 PM 200 P	Indial Dead order	36/19 0 00 PM		2.00	0.00	70	78	****	42	200 000 0.02	176	240	140	An	1.375	100	240	1815
Mode Production 3.04m 10.07 M 3.05m 10.0			Of API = 42.50 @ 60°F					720					11.00			-		1
Minist Production 3-0019 100 PM 1						1 77	1			Management William						144		100,000
Martin Production 3-10719 C 200 AM 100 Production 3-10719																		
Particular Par	Initial Production	39/19 11:00 PM	Manufacture of Consu	2.54	0.00	74	79	1097	42	286,000 0.02	178	244	149	41	1.375	100	12	1610
Shiell Production 2010/3 100 AM 20 AM Reactor Time 20 20	Initial Production	3/10/19 12:00 AM	OF APT = 42.35 @ 60°F	2.63	0.00	74	87	1108	42	296,000 0.03	177	236	151	44	1.375	100	-41	1610
200 M Standard Time 2 00 AM 200 M Standard Time 2 00 AM 201 M Standard Time 2 0 AM 201 M St	Indiad Dendurfore	3/10/19 1:00 AM		265	0.00	70	78	1107	10	286,000 0.01	179	225	152	46	1.376	100		1610
### Production 3m19 2-00 AM (22 - 8 of 27 of 24 of 27 of 27 of 24 of 27 of 27 of 28 of 27 of 28 of 27 of 28 of 28 of 27 of 28										and the second	-	-		1				
### Productions 20179 500 AM 266 266 267 76 76 76 76			Daylight Savings Time															
Second Design Second Desig	Initial Production	3/10/19 4:00 AM		2.66	0.00	77	80	1121	42	286,000 0,02	180	218	152	48	1.375	100	0	1610
Seal Production Section 2 and American S	Initial Production	3/10/19 5:00 AM	1000	2.66	0.00	72	74	1103	42	284,000 0.01	179	224	156	55	1.375	100	41	1600
Seed Production Seed Produ	Initial Production	3/10/19 6:00 AM		2.65	0.00	74	76	1100	42	284,000 0.02	177	223	149	51	1.375	100	40	1600
Wildle Production Shifted Science Shifted	Initial Production	3/10/19 7:00 AM		2.65	0.00	76	81	1120	42	284,000 D.02	176	222	154	51	1,375	100	39	1600
State Production Sharp State	Indial Denduction	3/10/19 8:00 AM		285	0.00	76	66	1110	47	264 000 0.02	178	224	150	51	1.375	200	39	1600
Part Production Salaria Stock Association Salaria State Association Salaria			Ol API = 42.21 @ 60°F					1							700			
Initial Physication 3/10/19 130 PM 1375 200 35 1000				-						Manufacture Control								The same of the sa
Indian Production 3/10/16 12 00 PM CA PM = 42.7 g e/or 2.64 0.00 75 60 11/64 42 286,000 0.01 179 227 162 51 1.375 200 35 1900 19																		
Initial Production 200-P1	Instial Production	3/10/10 11:00 AM	Water Water to G con	2.65	0.00	76	100	1104	42	200,000 0.01	1/6	225	104	91	1,375	200	30	1000
Initial Production 3/10/19 10 0 PM 267 0.00 75 81 11/33 42 286,000 0.01 177 227 101 51 1375 200 35 1000 1066 Production 3/10/19 3.00 PM 267 0.00 74 87 1112 42 286,000 0.01 178 226 0.5 1375 200 31 1000 1066 Production 3/10/19 5.00 PM 270 0.00 74 87 1112 42 286,000 0.01 178 226 105 1375 200 31 1000	Initial Production	3/10/10 12:00 PM	Oi API = 42.17 @ 60°F	2.64	0.00	75	80	1104	42	288,000 0.01	179	227	162	-51	1.375	200	35	1600
Initial Production Initial Produ	Initial Production	3/10/19 1:00 PM	140-214	2.67	0.00	75	81	1103	42	288,000 0.01	177	227	161	51	1.375	200	36	1600
Initial Production 3/10/19 0.00 PM Well Weight = 9.9 pg 0.6 API = 4.2 Pg 0.00 74 87 1112 42 286,000 0.01 165 227 161 51 1.375 200 30 1900	E-Marie F Turkerstand			2.67			200						0	5			31	1600
Initial Production 31/01/9 0.00 PM CA API + 4.257 @ 60°F 2.00 0.00 74 83 1111 42 286,000 0.01 165 220 155 51 1.375 200 29 1600 160	Initial Production						87						161	51				
Initial Production 3/10/19 5.00 PM 3/10/19 5.00 PM 3/10/19 6.00 PM 3/10/19 6.00 PM 3/10/19 6.00 PM 3/10/19 6.00 PM 3/10/19 7.00 PM 3/10/19 7.00 PM 3/10/19 7.00 PM 3/10/19 5.00 PM 3/10/19 7.00 PM 3/10/19 5.00 PM 3/10/19	Julied Developing	NAVAGE STOP DAY	Water Weight = 9.9 ppg	2.60	0.00	7.0	- 00	****	43	200 000 0.04	105	220	156	24	1 276	200	20	5000
Principle Production STOTOR DO DO PM Value Water Weight = 9 prop Did APx = 42.78 6.00 61 87 1112 42 286.000 0.01 175 227 158 50 1.375 25 32 1500 15	15,000,000,000,000		Oil API = 42.87 @ 60°F		1		-	777			100							
Midel Production SITINT® FOO PM White Weight = 9.8 peg 2.72 0.00 80 81 1106 42 286,000 0.01 172 227 156 50 1.375 0 33 1000 1384 Production 317019 8.00 PM 2.67 0.00 82 82 11107 42 286,000 0.01 177 225 156 50 1.375 25 33 1500 1384 Production 317019 10.00 PM 2.66 0.00 72 83 1120 42 286,000 0.01 177 225 156 50 1.375 25 33 1504 1384 Production 317019 12.00 AM Water Weight = 9.9 peg 0.04 69 74 1106 42 286,000 0.01 180 220 154 49 1.375 25 32 1581 Production 31719 12.00 AM 2.65 0.00 69 74 1106 42 286,000 0.01 180 220 154 49 1.375 25 32 1581 Production 31719 12.00 AM 2.65 0.00 69 74 1106 42 286,000 0.01 180 220 154 49 1.375 25 32 1581 Production 31719 12.00 AM 2.65 0.00 64 78 1107 42 286,000 0.01 181 224 155 51 1.375 0 33 1579 1581 Production 31719 12.00 AM 2.65 0.00 69 77 77 1107 42 286,000 0.01 181 224 155 51 1.375 0 33 1579 1581 Production 31719 2.00 AM 2.65 0.00 64 78 1107 42 286,000 0.01 181 224 137 0 47 1577 1577 1581 Production 31719 2.00 AM 2.65 0.00 70 80 1105 42 286,000 0.01 178 224 155 50 1.375 0 47 1577 1577 1578 1581 Production 31719 8.00 AM 2.65 0.00 73 83 1109 42 286,000 0.01 179 225 154 49 1.375 0 50 1569 1581 Production 31719 8.00 AM 2.65 0.00 73 83 1109 42 286,000 0.01 170 225 154 50 1.375 0 50 1569 1581 Production 31719 8.00 AM 2.65 0.00 73 83 1109 42 286,000 0.01 170 225 154 50 1.375 0 50 1569 1581 Production 31719 8.00 AM 2.65 0.00 73 83 1109 42 286,000 0.01 171 226 154 50 1.375 0 50 1569 1581 Production 31719 8.00 AM 2.65 2.65 0.00 73 73 1105 42 286,000 0						1	1 12	1000	1									
Initial Production S1019 8:00 PM SIMINI Production S1019 8:00 PM																		
State Production Strict State			Maker Warshi e S S or a															The second second
Statist Production 3/16/19 100 PM 2.67 0.00 82 82 1914 42 286,000 0.01 180 224 194 194 1975 255 30 1994	Initial Production	3/10/19 8:00 PM	OI API = 42.42 @ 80°F	2.66	0.00	81	82	1107	42	286,000 0.01	175	222	155	49	1.375	25	32	1600
Solidad Production 3/19/19/10/09 PM 1/10/09 PM 1/	Initial Production	3/10/19 9:00 PM		2.67	0.00	82	82	7714	42	286,000 0.01	177	225	156	50	1.375	26	33	1594
Water Weight = 9.9 ppg Cli All = 42.21 g 60°F 2.64 0.00 68 74 1106 42 280,000 0.01 180 220 154 49 1.375 25 32 1581 Initial Production 3111/19 100 AM				2.66		72	83		42			224						
Initial Production 3/11/19 200 AM	Initial Production	3/10/19 11:00 PM		2.56	0.00	60	83	1123	42	265,000 0.02	180	217	149	48.	1.375	0	32	1588
Initial Production 3111/19 2.00 AM 2.62 0.00 67 73 1107 42 280,000 0.01 181 224 155 51 1.375 0 32 1579 Initial Production 3111/19 2.00 AM 2.65 0.00 64 78 1107 42 280,000 0.01 179 223 154 49 1.375 0 47 1577 Initial Production 3111/19 3.00 AM Water Weight = 9.9 ptg 0.61 AP 2.65 0.00 78 88 1101 42 280,000 0.01 176 224 155 50 1.375 0 49 Initial Production 3111/19 8.00 AM 2.63 0.00 78 88 1101 42 280,000 0.01 176 225 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM 2.63 0.00 73 83 1103 42 280,000 0.01 171 227 155 50 1.375 0 50 Initial Production 3111/19 7.00 AM Water Weight = 9.9 ptg 2.63 0.00 72 79 1105 42 280,000 0.01 171 226 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 1569 Initial Production 3111/19 8.00 AM Water Weight = 9.9 ptg 2.63 0.00 73 77 1002 42 280,000 0.01 171 226 154 50 1.375 0 50 1569 Initial Production 3111/19 8.00 AM	Initial Production	3/11/10 12:00 AM	Oli API = 42.21 @ 60°F	2.64	0.00	69	74	1106	42	280,000 0.01	180	220	154	49	1.375	26	32	1581
Initial Production 3/11/19 200 AM (state Weight = 9.9 ptg CM API = 42.14 (\$1.00 CM API =	Service Control	200400 - 20 444	H25 = 0 ppm						-	200,000 0.00	-	2004	400	-		-	40	4570
Section Sect								7.190		manufacture and a						0		
Mater Weight = 9.9 prg 2.68 0.00 68 79 1104 42 280,000 0.01 176 224 195 50 1,375 0 50 1,569			A Company of the Comp		4.00			7.144			1.00						1 700	
Section Sect			Water Waints a 9.9 mm				-											1000
Initial Production 3/11/19 8/00 AM 2.63 0.00 78 86 1101 42 280,000 0.01 170 225 154 50 1.375 0 50 1569	Initial Production	3/11/19 4:00 AM		2.68	0.00	68	79	1104	42	286,000 0.01	178	224	155	50	1.375	0	50	1569
Initial Production 3/11/19 7:00 AM 2.02 0.00 72 79 1105 42 280,000 0.01 172 226 154 50 1.375 0 50 1569 1.375 0 50 1569 1.375 0 1569 1.375 0 1.	Initial Production	3/11/19 5:00 AM		2.63	0.00	78	86	1101	42	286,000 0.01	170	225	154	50	1.375	0	50	1569
Initial Production 3/11/19 8 00 AM Water Weight = 9,9 peg 2.63 6.00 73 77 1002 42 286,000 0.01 171 226 154 50 1.375 0 70 1569		3/11/19 8:00 AM					83				171			50		0	50	1569
O) API = 42.27 db 60°F (8 10) Turned over to Production on a TENA 42.66° choise of 1,090 ps. Manifold sand 25 36 1090 36	Initial Production	3/11/19 7:00 AM		2.62	0.00	72	79	1105	42	286,000 0.01	172	226	164	50	1.375	0	50	1509
O) API = 42.27 db 60°F (8 10) Turned over to Production on a TENA 42.66° choise of 1,090 ps. Manifold sand 25 36 1090 36						-							-			/ 2	-	4444
(8 10) Tultred over to Production on a 1FMC 43AM* chake to Production 25 36 1090 38 Plevelseck operations complete 35645*** chake at 10 pp. Mantalot sand 25 36 1090 38	Initial Production	3/11/19 8:00 AM		2.63	0.00	73	77	1092	42	285,000 0.01	171	226	154	50	1.375	0	70	1509
Flowback operations complete TFMC 42/64" choke to Production 25 36 1090 38			DETECT - NA. ST. ME NO. F															
7664 shoke at 1.000 ps. Manfold sand	Structured manufacture accounts to		TFMC 42/54" choke to Production							111 7 11								
Marting = 0.01%	From such operations complete		36/64" choke at 1.090 ps. Manifold sand															
			sample = 0,01%									1						

ersion.201801025	WELL DA	TA SUMMARY
	Company Name	Hess Corporation
Clear data to	Well Name	CA-ANDERSON SMITH-155-96-2635H-5
create Flowback	API Number	
	Area Work Team	C
data for new well	Field	CA
	Formation.	MB
	Area (Acres)	1280
	Date on Location	3/5/2019
	Initial Flowback Date	3/7/19 9:00 AM
	Flowback Company	TechnipFMC
Show/Hide auto-	Responsible Contractor	Joshua Turmon
	Phone Contact	701-389-9367
populated data	Initial Shut-in Tubing Pressure (Psi)	1,337 P
The state of the s	FRAC JO	B SUMMARY
	Type Frac Job	Hydraulic Frac
	TOTAL Clean Fluid Pumped	166,681 B
	TOTAL Sand Pumped	10,000,235
	Proposed # Stages	35 S
	Effective # Stages	33 8

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event Phase	Date MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate MMscfd	Oil Volume bblhr	Water Volume bbl/hr	Tubing Press psi(g)	Choke Size in (# /64)	Salinity Su ppm	ind Tbg Tem	Static psig	Meter Temp	Diff inH2G	Plate in.	Intermediate Casing	Surface Casing	H-3 Pressure	H-1 Pressure
Standard Work	3/6/19 10:00 AM	(10:00) TFMC team arrives on location. Stages equipment and begins rigging in.					1295										1110	1495
4-10-10-100-1		angles edupries and refus idflad as								- 1							1110	1495
Standard Work	3/6/19 11:00 AM						1295										1110	1495
Standard Work	3/6/19 12:00 PM						1295										1110	1495
Standard Work	3/6/19 1:00 PM						0											
Standard Work	3/6/19 2:00 PM						0										1110	1405
Standard Work	3/6/19 3:00 PM						0										1110	1495
Standard Work	3/5/19 4:00 PM						0										1110	1495
Standard Work	3/6/19 5:00 PM						1300										1125	1500
Standard Work	3/6/19 6:00 PM						1300										1125	1500
Standard Work	3/6/19 7:00 PM						1300										1130	1500
Standard Work	3/6/19 8:00 PM						1300										1140	1500
Standard Work	3/6/19 9:00 PM					1	1300										1150	1500
Standard Work	3/5/19 10:00 PM						1300										1150	1500
Standard Work	3/6/19 11:00 PM					1	1300										1150	1500
Standard Work	3/7/19 12:00 AM						1300										1150	1500
Standard Work	3/7/19 1:00 AM						1300										1150	1500
	3/7/19 2:00 AM						1300										1150	1500
Standard Work							1300	100									1150	1500
Standard Work	3/7/19 3:00 AM	M. Company Province to					1300										1150	1500
Standard Work	3/7/19 4:00 AM	(4:00) Continue Rigging In		7 7 7 3 3 3	to the same of		1300										1100	1.550
Standard Work	3/7/19 5:00 AM				1000		1300										1/2	
Standard Work	3/7/19 6:00 AM					19	1300						100					
Standard Work	3/7/19 7:00 AM																	
Standard Work	3/7/19 8:00 AM						1300											
Standard Work	3/7/19 9:00 AM				V		1324			1								
Standard Work	3/7/19 10:00 AM			20.00			1327									110		
Construction of the con-	2710 11-00 111	(11:00) Begin Pressure test. High		1			4997			100								
Standard Work	3/7/19 11:00 AM	pressure at 4500 psi(g), and 500 psi(g) low pressure test.					1327											
Standard Work	3/7/19 12:00 PM						1337											
Initial Flowbeck	37/19 12:15 PM	(12.15) Open Well to flow on a 18.64" choke through the bysess to the open top with an IOP of 1,337 policy; (12.19) Divert flow to 140,0005, Gen to Surface. (12.33) Divert back to open top to unload water. Divert flow to H50085, Gen to surface.					1337	10	280,000 0.	01								
The second second			2.00								200	62	5	1.375	400		1150	1500
Initial Flowback	3/7/19 1:00 PM	(1.00) Increase choke to 20-64"	0.80	0.00	0	30	1788	18	280,000 0		200	81	5	1.375	200	0	1150	1500
Initial Flowback	2/7/19 2:00 PM	(2:00) Increase choke to 22/64"	1.40	0.00	13	75	1781	20	280,000 0		210	63	5	1.375	200	0	1150	1500
Initial Flowback	3/7/19 3 00 PM	(3:00) Increase stoke to 24/64" (3:10) Oil to Production on a 24/64"	1.50	0.00	40	41	1422	22	280,000 0		200	93		1,375	200		1130	1333
Initial Production	3/7/19 3:10 PM	choke with a WHP of 1,420 psi(g)							100000								100	
Initial Production	3/7/19 4:00 PM	(4:00) Increase choke to 26/64"	1.80	0.00	23	52	1423	24		01 68	215	64	5	1.375	100	0	1150	1500
Initial Production	3/7/19 5:00 PM	(5:00) Increase choke to 28/64"	1.66	0.00	43	60	1447	26	280,000 0.	01 77	233	68	12	1.375	200	0	1200	1450
Initial Production	3/7/19 6:00 PM	(6:00) increase chake to 30/64"	1.67	0.00	61	61	1452	28	278,000 0	01 82	247	78	17	1.375	0	0	1200	1450
Initial Production	3/7/19 7:00 PM	(7:00) Increase choke to 32/64*	1.62	0.00	57	82	1442	30	278,000 0	01 78	201	84	30	1,375	300	0	1200	1400
Initial Production	3/7/19 8:00 PM	(8:00) increase choke to 34/64" Water Weight = 9.9 ppg	2.08	327	65	93	1397				242	86	31	1.375	0	0	1200	1400
anial Production	31719 0.00 7.16								274 000 L D	01 85								
Name and Advanced		Of API = 44.50 @ 60°F		0.00				32	274,000 0				-	4.075	260		1250	1400
Initial Production	3/7/19 9:00 PM	Oil API = 44.50 @ 60"F (9:00) Increase choke to 38/64"	2.30	0.00	74	77	1339	34	272,000 0	05 105	277	95	31	1.375	350	1	1250	1400
Initial Production	3/7/19 10:00 PM	Of API = 44.50 @ 60°F	230 255	0.00	74 77	77 70	1339 1314	34 36	272,000 0. 268,000 0.	05 105 09 108	277 286	98	36	1.375	200	1 0	1250	1375
		Of API = 44.50 @ 60°F (9:00) Increase choke to 36/64" (10:00) Increase choke to 38/64"	2.30	0.00	74	77	1339	34	272,000 0	05 105 09 108	277					1 0 0		
Initial Production	3/7/19 10:00 PM	Oil API = 44.50 @ 60"F (9:00) Increase choke to 38/64"	230 255	0.00	74 77	77 70	1339 1314	34 36	272,000 0. 268,000 0. 268,000 0.	05 105 09 108	277 286	98	36	1.375	200	1 0 0	1250	1375
Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM	Oil API = 44.50 @ 60°F (9:00) Increase choke to 35/64° (10:00) Increase choke to 35/64° Water Weight = 9.8 ppg	2.30 2.55 2.68 2.76	0.00 0.00 0.00	74 77 84 84	77 70 88 89	1339 1314 1264 1253	34 38 38 38	272,000 0, 268,000 0, 268,000 0, 268,000 0	05 105 09 108 15 112 2 111	277 286 306 316	98 109 106	38 40 40	1.375 1.375 1.375	200	1	1250 1250 1300	1375 1375 1375
Initial Production Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 1:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 36'64" (10:00) increase choke to 36'64" Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F	2.30 2.55 2.68 2.76 2.80	0.00 0.00 0.00 0.00	74 77 84 84 83	77 70 88 89 75	1339 1314 1264 1253 1235	34 36 38 38	272,000 0. 268,000 0. 268,000 0. 268,000 0	05 105 09 108 15 112 2 111	277 286 306 316 288	98 109 106	38 40 40 46	1.375 1.375 1.375	200 0 100	1 0	1250 1250 1300	1375 1375 1375 1375
Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 1:00 AM 3/8/19 2:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 36'64" (10:00) increase choke to 36'64" Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97	0.00 0.00 0.00 0.00	74 77 84 84 83 81	77 70 88 89 75 90	1339 1314 1264 1253 1235 1245	34 36 38 38 38 38	272,000 0. 268,000 0. 268,000 0. 268,000 0 268,000 0 268,000 0	05 105 09 108 15 112 2 111 12 108 13 109	277 286 306 316 288 231	98 109 106 108 107	38 40 40 46 51	1.375 1.375 1.375 1.375 1.375	200 0 100 100 0	1 0 20	1250 1250 1300 1300 1400	1375 1375 1375 1375 1350 1200
Initial Production Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 1:00 AM	Oil API = 44.50 @ 60°F (9:00) increase choke to 3564° (10:00) increase choke to 3564° Water Weight = 9.8 ppg Oil API = 43.19 @ 60°F H2S = 0 ppm	2.30 2.55 2.68 2.76 2.80	0.00 0.00 0.00 0.00	74 77 84 84 83	77 70 88 89 75	1339 1314 1264 1253 1235	34 36 38 38	272,000 0. 268,000 0. 268,000 0. 268,000 0 268,000 0 268,000 0	05 105 09 108 15 112 2 111	277 286 306 316 288	98 109 106	38 40 40 46	1.375 1.375 1.375	200 0 100	1 0	1250 1250 1300	1375 1375 1375 1375 1350 1200 1200
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 1:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 3564° (10:00) increase choke to 3564° Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg	2.30 2.55 2.68 2.76 2.80 2.97 2.99	0.00 0.00 0.00 0.00 0.00 0.00	74 77 84 84 83 81 86	77 70 88 89 75 90 77	1339 1314 1264 1253 1235 1245 1243	34 36 38 38 38 38 38	272,000 0. 268,000 0. 268,000 0. 268,000 0 268,000 0 268,000 0.	05 105 09 108 15 112 2 111 12 108 13 109 25 111	277 286 306 316 288 231 211	98 109 106 108 107	38 40 40 46 51	1.375 1.375 1.375 1.375 1.375	200 0 100 100 0	1 0 20	1250 1250 1300 1300 1400	1375 1375 1375 1375 1350 1200
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 1:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM 3/8/19 4:00 AM	Oil API = 44.50 @ 60°F (9:00) increase choke to 3564° (10:00) increase choke to 3564° Water Weight = 9.8 ppg Oil API = 43.19 @ 60°F H2S = 0 ppm	230 255 268 276 280 297 299 3.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	74 77 84 84 83 81 86 82	77 70 88 89 75 90 77 79	1339 1314 1264 1253 1235 1245 1243 1252	34 36 38 38 38 38 38 38	272,000 0. 268,000 0. 268,000 0. 268,000 0. 268,000 0. 268,000 0. 268,000 0.	05 105 09 108 15 112 12 111 12 108 13 109 25 111 12 122	277 286 306 316 288 231 211 219	98 109 106 108 107 108 116	38 40 40 46 51 52 48	1.375 1.375 1.375 1.375 1.375 1.375 1.375	200 0 100 100 0 100	1 0 20 20	1250 1250 1300 1300 1400 1400 1400	1375 1375 1375 1375 1350 1200 1200 1200
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 3564° (10:00) increase choke to 3564° Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg	230 255 268 276 280 297 299 3,01 3,02	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85	77 70 86 89 75 90 77 79 83	1339 1314 1264 1253 1235 1245 1243 1252 1263	34 36 38 38 38 38 38 38 38	272,000 0, 268,000 0, 268,000 0, 268,000 0 268,000 0 268,000 0 268,000 0 268,000 0	05 105 09 108 15 112 2 111 .2 108 .3 109 25 111 .2 122 .5 119	277 286 306 316 288 231 211 219 217	98 109 106 108 107 108 116 113	36 40 40 46 51 52 48 72	1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375	200 0 100 100 0 100	1 0 20 20	1250 1250 1300 1300 1400 1400 1400 1450	1375 1375 1375 1375 1380 1290 1290 1200 1200
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM 3/8/19 8:00 AM 3/8/19 8:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 3564° (10:00) increase choke to 3564° Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85	77 70 86 89 75 90 77 79 83 73	1339 1314 1264 1253 1235 1245 1245 1243 1252 1263 1266	34 36 38 38 38 38 38 38 38 38	272,900 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0,	05 105 09 108 115 112 2 111 2 108 3 109 25 111 2 122 15 119 3 116	277 286 306 316 288 231 211 219 217 212	98 109 106 108 107 108 116 113 101	36 40 40 46 51 52 48 72 72	1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375	200 0 100 100 0 100 200 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500	1375 1375 1375 1375 1350 1200 1200 1200 1000
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM	Oli API = 44.50 @ 60°F (9:00) increase choke to 36/64° (10:00) increase choke to 36/64° Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F H2S × 0 ppm Water Weight = 9.8 ppg Oli API = 43.35 @ 60°F	230 255 268 276 280 297 299 3,01 3,02	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85	77 70 86 89 75 90 77 79 83	1339 1314 1264 1253 1235 1245 1243 1252 1263	34 36 38 38 38 38 38 38 38	272,900 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0,	05 105 09 108 15 112 2 111 .2 108 .3 109 25 111 .2 122 .5 119	277 286 306 316 288 231 211 219 217	98 109 106 108 107 108 116 113	36 40 40 46 51 52 48 72	1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375	200 0 100 100 0 100	1 0 20 20	1250 1250 1300 1300 1400 1400 1400 1450	1375 1375 1375 1375 1380 1290 1290 1200 1200
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 5:00 AM 3/8/19 6:00 AM 3/8/19 7:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 35/64" (10:00) increase choke to 35/64" Water Weight = 9.8 ppg Ol API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97 2.98	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85 89 92	777 70 88 89 75 90 77 79 83 73 77	1339 1314 1264 1253 1235 1245 1245 1243 1252 1263 1266	34 36 38 38 38 38 38 38 38 38	272,900 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0, 268,000 0,	05 105 09 108 115 112 2 111 2 108 3 109 25 111 2 122 5 119 3 116 2 130	277 286 306 316 288 231 211 219 217 212	98 109 106 108 107 108 116 113 101	36 40 40 46 51 52 48 72 72	1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375	200 0 100 100 0 100 200 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500	1375 1375 1375 1375 1350 1200 1200 1200 1000
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM 3/8/19 5:00 AM 3/8/19 6:00 AM 3/8/19 6:00 AM 3/8/19 6:00 AM	Oli API = 44.50 @ 60°F (9:00) increase choke to 36/64° (10:00) increase choke to 36/64° Water Weight = 9.8 ppg Oli API = 43.19 @ 60°F H2S × 0 ppm Water Weight = 9.8 ppg Oli API = 43.35 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97 2.98 2.98	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85 89 92 78	77 70 88 89 75 90 77 79 83 73 77	1339 1314 1264 1253 1235 1249 1243 1252 1263 1266 1256	34 36 38 38 38 38 38 38 38 38 38 38	272,000 0, 288,000 0,	05 105 09 108 15 112 2 111 .2 108 .3 109 25 111 .2 122 .5 119 .3 116 .2 130 .15 128	277 286 306 316 288 231 211 219 217 212 212 214	98 109 106 108 107 108 116 113 101 117 115	38 40 40 46 51 52 48 72 72 73 73	1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375 1,375	200 0 100 100 0 100 200 0 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500 1550	1375 1375 1375 1375 1350 1200 1200 1200 1000 1000
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 8:00 AM 3/8/19 6:00 AM 3/8/19 7:00 AM 3/8/19 8:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 35/64" (10:00) increase choke to 35/64" Water Weight = 9.8 ppg Ol API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97 2.98 2.98 3.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85 89 92 78	77 70 88 89 75 90 77 79 83 73 77 76	1339 1314 1264 1253 1235 1245 1243 1252 1263 1256 1256 1256	34 36 38 38 38 38 38 38 38 38 38 38 38 38	272,000 0, 288,000 0,	05 105 09 108 15 112 2 111 12 108 3 109 25 111 2 122 5 119 3 116 3 128 15 128 15 147	277 286 306 316 288 231 211 219 217 212 212 214 214	98 109 106 108 107 108 116 113 101 117 115	38 40 40 46 51 52 48 72 73 73 73	1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375	200 0 100 100 0 100 200 0 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500 1550 1600	1375 1375 1375 1375 1350 1200 1200 1200 1000 1000 1000
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 6:00 AM 3/8/19 6:00 AM 3/8/19 7:00 AM 3/8/19 8:00 AM 3/8/19 9:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 35/64" (10:00) increase choke to 35/64" Water Weight = 9.8 ppg Ol API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97 2.98 2.98 2.98 3.00 2.99	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85 89 92 78 81 87	77 70 86 89 75 90 77 79 83 73 77 76 82	1339 1314 1254 1253 1245 1245 1243 1252 1268 1256 1256 1256 1254 1258	34 36 38 38 38 38 38 38 38 38 38 38 38 38	272,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0.	05 105 09 108 15 112 2 111 12 108 3 109 25 111 2 122 15 119 13 116 2 130 15 128 15 147 167 162	277 286 306 316 288 231 211 219 217 212 212 214 214 214	98 109 106 108 107 108 116 113 101 117 115 117	36 40 40 46 51 52 48 72 73 73 73 73	1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375	200 0 100 100 0 100 200 0 0 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500 1550 1600 1650 1700	1375 1375 1375 1375 1350 1200 1200 1200 1000 1000 1000
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 12:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 8:00 AM 3/8/19 6:00 AM 3/8/19 7:00 AM 3/8/19 8:00 AM	Oil API = 44.50 @ 60°F (3:00) increase choke to 38/64" (10:00) increase choke to 38/64" Water Weight = 9.8 ppg Oil API = 43.19 @ 60°F Water Weight = 9.8 ppg Oil API = 43.35 @ 60°F Water Weight = 9.8 ppg Oil API = 42.14 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97 2.98 2.98 3.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85 89 92 78	77 70 88 89 75 90 77 79 83 73 77 76	1339 1314 1264 1253 1235 1245 1243 1252 1263 1256 1256 1256	34 36 38 38 38 38 38 38 38 38 38 38 38 38	272,000 0, 288,000 0,	05 105 09 108 15 112 2 111 12 108 3 109 25 111 2 122 15 119 13 116 2 130 15 128 15 147 167 162	277 286 306 316 288 231 211 219 217 212 212 214 214	98 109 106 108 107 108 116 113 101 117	38 40 40 46 51 52 48 72 73 73 73	1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375	200 0 100 100 0 100 200 0 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500 1550 1600	1375 1375 1375 1375 1350 1200 1200 1200 1000 1000 1000
Initial Production	3/7/19 10:00 PM 3/7/19 11:00 PM 3/8/19 12:00 AM 3/8/19 2:00 AM 3/8/19 3:00 AM 3/8/19 3:00 AM 3/8/19 6:00 AM 3/8/19 6:00 AM 3/8/19 7:00 AM 3/8/19 8:00 AM 3/8/19 9:00 AM	Ol API = 44.50 @ 60°F (9:00) increase choke to 35/64" (10:00) increase choke to 35/64" Water Weight = 9.8 ppg Ol API = 43.19 @ 60°F H2S = 0 ppm Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F Water Weight = 9.8 ppg Ol API = 43.35 @ 60°F	2.30 2.55 2.68 2.76 2.80 2.97 2.99 3.01 3.02 2.97 2.98 2.98 2.98 3.00 2.99	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	74 77 84 84 83 81 86 82 85 89 92 78 81 87	77 70 86 89 75 90 77 79 83 73 77 76 82	1339 1314 1254 1253 1245 1245 1243 1252 1268 1256 1256 1256 1254 1258	34 36 38 38 38 38 38 38 38 38 38 38 38 38	272,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0. 288,000 0.	05 105 09 108 15 112 2 111 12 108 3 109 25 111 2 122 5 119 3 116 2 130 15 128 15 147 07 162 07 164	277 286 306 316 288 231 211 219 217 212 212 214 214 214	98 109 106 108 107 108 116 113 101 117 115 117	36 40 40 46 51 52 48 72 73 73 73 73	1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375 1.375	200 0 100 100 0 100 200 0 0 0	1 0 20 20 25 2 6	1250 1250 1300 1300 1400 1400 1400 1450 1500 1550 1600 1650 1700	1375 1375 1375 1375 1350 1200 1200 1200 1000 1000 1000

Initial Production	3/8/19 1:00 PM		2.97	0.00	82	74	1250	38	262,000 0.3	161	225	148	68	1.375	0	7	2100	0
Initial Production	3/8/19 2:00 PM		2.94	0.00	82	83	1247	38	262,000 0.07	171	267	148	65	1.375	0	7	2100	0
Initial Production	3/8/19 3:00 PM	Water Weight = 9.8 ppg	2.94	0.00	83	61	1244	38	262,000 0.05	173	207	148	64	1.375	.0	1	2100	
Initial Production	3/8/19 4:00 PM	Oil API = 42.35 @ 60°	2,81	0.00	78	56	1243	38	262,000 0.03	174	205	147	68	1.375	0	7	2100	0
Initial Production	3/8/19 5:00 PM	100000000000000000000000000000000000000	2.95	0.00	84	67	1230	38	262,000 0.05	172	228	150	67	1.375	0	5	2100	1000
Initial Production	3/8/19 6:00 PM		3.02	0.00	82	63	1233	38	262,000 0.06	167	231	147	68	1.375	182	3	2100 2100	1000
Initial Production	3/8/19 7:00 PM	Water Weight = 9.8 ppg	2.98	0.00	72	64	1245	38	262,000 0.07	170	229	152	67	1.375	185			
Initial Production	3/8/19 8:00 PM	Oli API = 43.49 @ 60°	2.60	0.00	84	76	1247	38	260,000 0.05	173	227	155	68	1.375	3	0	2100	1000
Initial Production	3/8/19 9:00 PM		2.63	0.00	83	65	1236	38	260,000 0.08	173	226	150	67	1.375	15	0	2100	1000
Initial Production	3/8/19 10:00 PM 3/8/19 11:00 PM		2.80 2.94	0.00	80	75 67	1238 1237	38	260,000 0.06 260,000 0.06	174	209 225	147	62 66	1,375	13	0	2100 2100	1000
Initial Production	3/8/19 11:00 PM	Water Weight = 9.8 ppg	2,04	0.00	01	01	1201		200,000 0.00	110	220	100	00	1.070			2.00	1000
Initial Production	3/9/19 12:00 AM	Oil API = 42.57 @ 60°F	2.95	0.00	84	64	1233	38	260,000 0.05	170	224	148	66	1.375	22	0	2100	1000
tabled Greek offices	3/9/19 1:00 AM	H2S = 0 ppm	2.02	0.00	81	79	1238	38	260,000 0.07	174	224	150	66	1.375	28	0	2100	1000
Initial Production Initial Production	3/9/19 2:00 AM		2.93 2.66	0.00	73	71	1226	38	260,000 0.05	174	202	148	60	1.375	0	0	2100	1000
Initial Production	3/9/19 3:00 AM		2.88	0.00	80	66	1217	38	260,000 0.06	173	221	151	65	1.375	0	0	2100	1000
Initial Production	3/9/19 4:00 AM	Water Weight = 9.8 ppg	2.82	0.00	83	78	1222	38	260,000 0.05	175	218	153	64	1.375	0	15	2100	1000
Initial Production	3/9/19 5:00 AM	Oil API = 42.28 @ 60*	2.90	0.00	77	72	1215	38	260,000 0.03	176	223	151	66	1.375	36	0	2100	1000
Initial Production	3/9/19 6:00 AM		2.88	0.00	82	77	1216	38	260,000 0.05	174	214	148	68	1.375	46	0	2100	1000
Initial Production	3/9/19 7:00 AM		2.90	0.00	81	66	1197	38	260,000 0.07	168	222	143	66	1.375	50	0	2100	1000
Initial Production	3/9/19 8:00 AM	Water Weight = 9.7 ppg Oil API = 42.49 @ 60°F	2.86	0.00	80	62	1223	38	260,000 0.07	172	208	139	63	1.375	52	0	2200	1000
Initial Production	3/9/19 9:00 AM	Oli Adria 42 Adrigo de P	2.81	0.00	63	53	1221	38	260,000 0.07	171	200	141	63	1.375	7	0	2200	1000
Initial Production	3/9/19 10:00 AM		2.88	0.00	77	0	1200	38	260,000 0.05	172	211	140	67	1.375	7	0	2200	1000
Initial Production	3/9/19 11:00 AM		2.85	0.00	75	77	1197	38	260,000 0.07	167	208	141	66	1.375	14	0	2200	1000
Initial Production	3/9/19 12:00 PM	Water Weight = 9.7 ppg Oil API = 42.15 @ 60°F	2.84	0.00	81	69	1159	38	260,000 0.07	167	209	141	66	1.375	48	0	2200	1000
FIGUR F TOUGGOOT	WATER COMPANY	H2S = 0 ppm					100		0.07	-		1					The same	
Initial Production	3/9/19 1:00 PM		2.80	0.00	75	70	1215	38	260,000 0.05	171	207	143	86	1.375	50	0	2200	1000
Initial Production	3/9/19 2:00 PM		2.77	0.00	75	71	1192	38	260,000 0.05	170	215	144	67	1.375	61	0	2200 2200	1000
Initial Production	3/9/19 3:00 PM	Water Weight = 9.7 ppg	2.88	0.00	81	80	1184	38	260,000 0,07	172	212		66	1.375			1	
Initial Production	3/9/19 4:00 PM	Oil API = 42.87 @ 60°F	2,91	0.00	78	79	1181	38	260,000 0.07	171	210	143	66	1.375	71	0	2200	1000
Initial Production	3/9/19 5:00 PM		2.84	0.00	83	72	1189	38	260,000 0.06	173	213	143	66	1.375	73	0	2225	1000
Initial Production	3/9/19 6:00 PM		2.85	0.00	74 82	65 71	1186	38 38	260,000 0.07 260,000 0.08	172	210 199	145 143	66 64	1.375	76 78	0	2225 2225	1000
Initial Production	3/9/19 7:00 PM	Water Weight = 9.7 ppg	2.72							1000							70.00	
Initial Production	3/9/19 8:00 PM	Ol API = 42.40 @ 60°F	271	0.00	76	73	1183	38	260,000 0.05	174	198	140	63	1.375	77	0	2225	1000
Initial Production	3/9/19 9:00 PM		2.74	0.00	76	64	1181	38	260,000 0.06	167	204	143	65	1.375	77	0	2275	1000
Initial Production Initial Production	3/9/19 10 00 PM 3/9/19 11 00 PM		2.78	0.00	76 75	72 73	1179 1175	38	260,000 0.05 260,000 0.06	173	206 212	145 146	65 67	1.375	76 83	0	2275 2300	1000
Intial Production	Saria II corm	Water Weight = 9.7 ppg	2.00	0.00	10	13	1170	-	200,000 0.00	112	212	140		1,213			2000	7000
Initial Production	3/10/19 12:00 AM	Oil API = 42.22 @ 60°F	2.81	0.00	72	72	1168	38	260,000 0.07	169	202	147	61	1.375	92	0	2350	1000
Initial Panduction	20000 1 00 014	H2S = 0 ppm	205	0.00	76		1175	38	260,000 0.05	172	198	147	59	1.375	63	0	2400	1000
Initial Production	3/10/19 1:00 AM	1:00 AM Standard Time 2:00 AM Standard Time 3:00 AM	2.85	0.00	75	66		1				Y (1)						
Initial Production	3/10/19 3:00 AM	Daylight Savings Time	2.85	0.00	60	75	1180	38	260,000 0.06	174	203	144	60	1.375	0	0	2400	1000
Initial Production	3/10/19 4:00 AM	Water Weight = 9.7 ppg	2.88	0.00	76	58	1188	38	260,000 0.08	176	212	148	61	1.375	10	0	2400	1000
Initial Production	3/10/19 S-00 AM	Oil API = 42.80 @ 60°F	2.80	0.00	73	71	1161	38	260,000 0.05	172	200	148	68	1.375	61	0	2400	1000
Initial Production	3/10/19 6:00 AM		2.90	0.00	74	75	1135	38	260,000 0.05	173	208	144	64	1.375	88	40	2400	1000
Initial Production	3/10/19 7:00 AM		2.88	0.00	72	55	1135	38	260,000 0.07	171	206	149	69	1.375	98	40	2400	1000
Initial Production	3/10/19 8:00 AM	Water Weight = 9.7 ppg Oil API = 42.45 @ 60°F	2.85	0.00	74	85	1101	38	260,000 0.07	173	205	151	68	1.375	98	80	2400	1000
Initial Production	3/10/19 9:00 AM		2.85	0.00	76	67	1156	38	260,000 0.05	172	203	147	66	1.375	100	90	2400	1000
Initial Production	3/10/19 10:00 AM		2.88	0.00	73	93	1154	38	260,000 0.05	173	195	151	67	1.375	100	90	2400	1000
Initial Production	3/10/19 11:00 AM	Make Weight a C Year	2.83	0.00	75	86	1159	38	260,000 0.05	174	203	151	69	1.375	100	0	2400	1000
Initial Production	3/10/19 12:00 PM	Water Weight = 9.7 ppg Oil API = 42.71 @ 60°F	2.83	0.00	75	66	1128	38	260,000 0.05	173	204	150	69	1.375	110	0	2400	1000
		H2S = 0 ppm														1	100	1 1 1 1 1 1 1 1 1 1
Initial Production	3/10/19 1:00 PM		2.82	0.00	75	74	1150	38	260,000 0.05	172	203	149	67	1.375	110	0	2400 2400	1000
Initial Production Initial Production	3/10/19 2:00 PM 3/10/19 3:00 PM		2.85 2.83	0.00	73 72	73 68	1165	38	260,000 0.05 260,000 0.05	171	203	147	66	1.375	110	0	2400	1000
Initial Production	3/10/19 4:00 PM	Water Weight = 9.7 ppg	2.84	0.00	74	66	1155	38	260,000 0.01	172	204	148	68	1.375	115	0	2400	1000
		Oil API = 42.17 @ 60°F													- 1		0.25	No.
Initial Production Initial Production	3/10/19 5:00 PM 3/10/19 6:00 PM		2.84 2.86	0.00	74 76	63	1156	38	260,000 0.01 260,000 0.02	172	205 206	150 148	68	1.375	10	20 45	2424 2452	999 994
Initial Production	3/10/19 7:00 PM	The second secon	2.85	0.00	73	68	1097	38	260,000 0.02		207	149	68	1.375	8	0	2472	981
Initial Production	3/10/19 8:00 PM	Water Weight = 9.7 ppg	2.88	0.00	73	63	1096	38	260,000 0.02	176	208	151	69	1.375	10	50	2488	974
	3/10/19 9:00 PM	Oil API = 42.35 @ 60°F	2.83	0.00		71	1165	38	260,000 0.01	175	206	150	67	1.375	13		2501	962
Initial Production Initial Production	3/10/19 9:00 PM 3/10/19 10:00 PM		2.83	0.00	72 74	76	1111	38	260,000 0.01		206	150	68	1.375	15	0	2553	962
Initial Production	3/10/19 11:00 PM	The same of the sa	2.83	0.00	74	76	1160	38	260,000 0.03	176	206	150	68	1.375	13	50	2555	944
		Water Weight = 9.7 ppg		1 36	-	-	****		260.000	470		***		4 222			2002	049
Initial Production	3/11/19 12:00 AM	Oil API = 42.28 @ 60°F H2S = 0 ppm	2.83	0.00	75	74	1162	38	260,000 0.01	176	206	150	68	1.375	1	0	2557	943
Initial Production	3/11/19 1:00 AM		2.83	0.00	73	86	1161	38	260,000 0.02		206	150	68	1.375	17	0	2556	942
Initial Production	3/11/19 2:00 AM	100	2.86	0.00	75	63	1162	38	260,000 0.01		207	150	68	1.375	18	18	2555	942
Initial Production	3/11/19 3:00 AM	Minter Weight - 0.7	2.83	0.00	74	67	1154	38	260,000 0.02		207	149	67	1.375	20	0	2555	942
Initial Production	3/11/19 4:00 AM	Water Weight = 9.7 ppg Oil API = 42.50 @ 60°F	2.88	0.00	73	69	1158	38	260,000 0.01	176	208	151	68	1.375	20	10	2561	941
Initial Production	3/11/19 5:00 AM		2.82	0.00	74	81	1158	38	260,000 0.01	174	207	152	68	1.375	21	10	2561	942
Initial Production	3/11/19 6:00 AM		2.83	0.00	75	62	1153	38	260,000 0.01	175	207	149	67	1.375	0	50 45	2552 2552	941 942
Initial Production Initial Production	3/11/19 7:00 AM 3/11/19 8:00 AM	Control of the Control	2.82	0.00	72 73	100	1153	38	260,000 0.01 260,000 0.01	174	207	151 149	67	1.375	45	75	2570	942
THUSI T TOUGGOIS	371719 5352 7011	(9:10) Turned over to Production on a	2.01	7.00					0.01	1	-						24.5	4500
Bearing the second		TFMC 38/64" choke to Production							Committee of				1	Sales V				1
Flowback operations complete	3/11/19 9:00 AM	34/64" choke at 1,154 psi(g). Manifold sand sample = 0.01%	2.82	0.00		80	1118	38	260,000 0.01	176	205	151	67	1.375	75	95	2572	943
		Water Weight = 9.7 ppg																
		Oil AP1 = 42.10 @ 60°F								1								

Version 201801925

Clear data to create Flowback data for new well for the Williams Annual Flower Canada Compositor (Canada Canada Cana

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

	Effective # Stages	33	Stages																										
Event Phase	MANDO/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate	Oil Volume	Water Volume	Tuting Press	Choke Size in (# %4)	Duration firs	Cum Time	Oil Daily bbilday	Total Fluid bblife	Oil Cum	OH Cut 1	Water Cut V	Water Danly	Water Cum	Load Recovery	Total Lin Corn	Flared Gas Cum	Sales Gas Com	Total Gas Gum	GOR	BIPMITP Biblionii	Gum FTPHFTP (bbFpm)	SPI	BOSTANT	SQRT m	TWA
Property and the second	3619 8 15 PM	Report start time	0.00	0.00	0	0	\$594 -\$594		0.00		0.00	-	0	COLUMN 1	RECEIPT N	CONTRACTOR OF THE PERSON OF TH		60%	0	0.00	0.00	0.00		00	0.0		0.0	0.0	MANUSC STREET
		(9:00) TFMC Arrives on Location. Safety				200						10000		22.5	700				1000000										
Standard Work	20819900 AM	Simops meeting with Workover rig craw., (9:30) TFMC begins to spot HS00f9 and		100					1:00	0.00	0.00	0.00	0.00	March 1	200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1 25a			2000	0.0	0.0	C
-	20000 1000 100	fiswhack equipment.							24		200	1	400	2000	13.3					200						1000			c
Standard Work	329191090 AM	(10:00) TFMC Begins to Rig Up. (4:00) TFMC Raises flare, continues				100			6:00	1.00	0.00	9.00	0.00	2200	0000	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	100000			92233	0.0	1.0	100000000000000000000000000000000000000
Standard Work	2/26/16 4:00 PM	rigaling up.				1			12:00	7.00	0.00	0.00	0.00		2200	600	0.00	00%	0.00	9.00	0.00	0.00	1000			475.0	0.0		C
Standard Work Standard Work	31/19 4:00 AM 31/19 6:00 AM	(4:00) Continue rigging up (6:00) TFMC Rig Up Completed				671			2:00	19.00	0.00	0.00	6.00	Sales I	848	9.00	0.00	0.0%	0.00	0.00	0.00	0.00	-			42.5	0.0	48	c
Standard Work	3/1/19 10:00 AM	(10:45) Arp Testing arrives on location.				0.1	416		100	25.00	0.00	0.00	0.00	ATOLE .	SEC.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1000	6.0	0.0	1 011	0.0	5.0	C
Standard Work	31/1911 GD AM	(11.00) Biggan Pressure test, High Pressure Test to 4500 poligit, Sales line					416		100	26.00	0.00	0.00	0.00	200	-	900	0.00	0.0%	0.00	0.00	0.00	0.00	-	0.0	0.0	1/20-	0.0	61	c
		test to 500 prot(g).			1					1000			1000	-	200														
Standard Work Standard Work	3/1/9 12:00 PM 3/1/9 1:00 PM	(12:30) Pressure test complete					416	1	1:00	27.00	0.00	0.00	000	2000	CIE	6,00	0.00	0.0%	0.00	0.00	0.00	0.00		00	0.0	17550	0.0	52	0
SON CORT PROFIT	211913074	(200) Open Well to Fear on a 1664"		-	-	-			100	2000	4.00		100	833		400	4.00			-		-						1	
	The second second	choke through the bypase to the open													50				Carried .							1000			
Initial Flowback	2019 2 00 PM	too, Well Pressure immediately stated to drop, disensel flow to 96/64° shows. Well		100					1:00	29,00	0.00	9.00	9.00	-	Sho.	600	0.00	0.0%	0.00	0.00	2.00	9.00	100000	200		2000	.00	54	C
		good off committy at 0 page								1000		1000											1000						
Well Shunks	31/182/07M	(3.00) Vivil and make replie to							0.01	30.00	0.00	0.00	0.00	4400	-	500	0.00	0.0%	0.00	0.00	0.00	0.00	state of			-	00	5.5	c
		Possible Tubing Obstruction; Well at										1	1000			3000	779		100				15000			-			
NPT	5/1/19 3:01 PM	6 paigs, waiting for Hot Oller for							0.59	30.02	0.00	0.00	0.00	436	2960	900	0.00	0.0%	0.00	0.00	0.00	0.00	4000			MARKET	0.0	55	6
		purpoleum scheduled for tomocrow per Bryan Carpenter.										1090		550		10000	723						1000						
NPT	3/1/19 4:90 PM								1:00	31.00	0.00	0.00	0.00	Carry.	#155 F	0.00	0.00	0.0%	0.00	0.00	0.00	-0.00	1000			1000	00	5.6	0
NPT	3/1/10 E:00 PM 3/1/10 E:00 PM								100	32.00	8.00	0.00	0.00	45.7	200	600	0.00	0.0%	900	0.00	0.00	0.00	4700			64-	0.0	5.7 5.7	C
NPT	3/1/10 7:00 PM								1:00	34.00	0.00	6.00	9.00	505/30	5950	000	0.00	00%	0.00	0.00	0.00	0.00	PER CONTRACTOR			W10.5	00	5.8	C .
NPT	3/1/19 E-00 PM	2							1:00	36.00	0.00	0.00	0.00	2886	100 m	0.00	0.00	2.0%	0.00	0.00	0.60	0.00	200			318	0.0	5.9	0
MPT	3/1/19 9:00 PM 5/1/19 10:00 PM								1:00	36.00 37.00	9:00	9.00	0.00	200	100	0.00	0.00	0.0%	9.00	0.00	0.00	0.00	202			No.	0.0	6.0	C
MPT	2/1/16 11:00 PM								1.00	38.00	0.00	6:00	0.00	#5/E	25 15.	600	0.00	0.0%	0.00	0.00	0.00	0.00	1 350			CHIEROS CO	0.0	62	C
MPT	3/2/19 12:00 AM								1.00	29.00	9:00	0.00	0.00	413	Street, 1	000	0.00	0.0%	9.00	0.00	0.00	0.00	1000			2073	0.0	6.2	c
MPT	3/2/19 1:00 AM 5/2/19 2:00 AM								1:00	41.00	8.00	0.00	0.00	200	300	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200			The same	0.0	6.5	c
MPT	3/2/19 3:00 AM								1:00	42:00	0.00	6.00	0.00	1000	PARTY.	600	0.00	0.0%	0.00	0.00	0.00	0.00	4000			1000	0.0	0.5	c
MPT	5/2/19 4:99 AM								1:00	43.00	0.00	0.00	0.00	556	4000	0.00	0:00	0.0%	0.00	0.00	0.00	0.00	491C			1000	0.0	6.0	6
NPT NPT	3/3/19 E:00 AM 3/3/19 E:00 AM								1:00	45.00	0.00	0.00	0.00		25.00	0.00	0.00	0.0%	0.00	000	0.00	0.00	200		600	1000	0.0	6.6	C
MALL	3/3/19 7:00 AM								1:00	41.00	0.00	0.00	0.00	365	3500	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200			600	0.0	6.5	C
MPT	3/2/19 8:00 AM	(E:15) Begin Pumpdown					4		1:00	47:00	0.00	0.00	0.00	444	-04-	0.00	0.00	0.0%	9.00	0.00	0.00	0.00	AFT			MIC.	00	6.0	C
MPT	5/9/19 9:00 AM	(9:00) Pumpdown complete. TFMC help Rig down for Dt parratin's					975		1:00	48.00	9.00	800	0.00	Sign	New !	0.00	0.00	0.0%	9.00	0.00	0.00	0.00	1200	0.0	0.0	260	00	6.9	c
Mr.	an state of	Demobilization							1300	-		1	-	850	1000	-			1000							10000			
MPT	5079 10:00 AM	(10:00) Open well to flow; TFMC potential ice plug in flowline. TFMC					975		1.00	49.00	0.00	0.00	0.00	and I	2950	0.00	0.00	0.0%	8.00	0.00	0.00	0.00	1000	00	0.5	Territor I	00	75	c
100		besin thawing out process.								7.55			10000			133			1000000								10000000		600
NPT	3/2/19 11:00 AM 3/2/19 12:00 PM						972 973		1:00	50.00	0.00	0.00	0.00	000	1000	0.00	0.00	0.0%	0.00	0.00	0.00 0.00	0.00	5000	0.0	0.0	200	00	7.1	C
MPT	3/3/18 1:00 PM						673		1:00	62:00	0.00	0.00	0.00	200	41-6.	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1	0.0	0.0	C. Sandari	0.0	7.2	6
NPT	3/3/19 2:00 PM						972		1:00	53.00	0.00	0.00	0.00	Research .	485	0.00	0.00	0.0%	0.00	0.00	0.00	0,00	10.816	0.0	0.0	109880	0.0	7.3	C
MPT	3/2/19 3:00 PM						873		1:00	54,00	0.00	0.00	0.00	525	SEC	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1000	0.0	0.0	222	0.0	7.5	C
NPT NPT	3/2/19 4:00 PM 5/2/19 6:00 PM						973 973		1:00	56.00	0.00	0.00	0.00	2012	550	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	W100	0.0	0.0	ALA	00	7.5	c
NPT	3/2/19 6:00 PM						971		1:00	57.00	0.00	0.00	9.00	1200	200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	MODEL .	0.0	0.0	P0150	0.0	7.5	C
NPT	3/2/19 7:00 PM						973		1:00	58.00	0.00	0.00	0,00	TEAC.	X-SS	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	100.0	0.0	0.0	1000	0.0	7.5	G
NPT NPT	3/2/19 8:00 PM 3/2/19 9:00 PM						972 973		1:00	59.00 66.00	0.00	0.00	0.00	WING.	15.85 W	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200	0.0	0.0	ALC: NO.	0.0	9.7	0
MPT	5/2/10 10:50 PAI						672		1:00	61.00	0.00	0.00	0.00	Alexa -	C1250	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	E COL	0.0	0.0	000	0.0	7.8	6
NPT	3/2/19 11:50 PM						962		1:00	62.00	0.00	0.00	0.00	10000	TEST.	6.00	0.00	0.0%	0,00	0.00	0,00	0.00	200	0.0	0.0	- KAN	0.0	7.9	c
NPT NPT	3/3/19 12:00 AM 3/3/19 1:00 AM						1001		1:00	64.00	0.00	0.00	0.00	75 A/S	46365	0.00	0.00	0.0%	0.00	9.00	0.00	0.00	99.00	0.0	0.0	100	0.0	8.0	0
NPT	3/3/19 2:00 AM						1005		00.1	65.00	0.00	0.00	0.00	Merce	ASSI	000	0,00	0.0%	0.00	0.00	0.00	0.00	200	0.0	0.0	3466	0.0	8.1	C
MPT	3/3/19 3:00 AM						1036		1:00	66.00	0.00	0.00	0.00	9 5 5 5	2225	000	0.00	0.0%	0.00	0.00	0.00	0.00	100000000000000000000000000000000000000	0.0	0.0	1000	0.0	8.1	C
NPT NPT	3/3/19 4:00 AM 5/3/19 5:00 AM						1036		1:00	67.00 68.00	0.00	0.00	0.00	250	200	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1	0.0	0.0	- MO IN-	0,0	8.2	c
NPT	3/3/18 6:00 AM						1068		1:00	66.00	0.00	0.00	0.00	SETIMA .	met !	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	WHO I	0.0	0.0	MARK	0.0	8.3	c
NPT	3/3/19 7:00 AM						1072		1.00	70.00	0.00	0.00	0.00	\$5.00 M	355	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	49.00	0.0	0.0	1108	0.0	8.4	6
NPT NPT	5/3/18 8:00 AM 5/3/18 9:00 AM						1073		1:00	71.00	0.00	0.00	0.00	220	MERCHANIST AND ADDRESS OF THE PARTY OF THE P	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	500	0.0	0.0	310	0.0	8.5	6
NPT	3/3/19 10:00 AM						1017		1:00	73.00	0.00	000	0.00	500	Market	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	200	0.0	0.0	Name of	00	8.5	C
NPT	3/3/19 11:00 AM						1017		0:25	74.00	0.00	000	0.00	1000	15530K C	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	1000	00	0.0	531	0.0	0.0	0
13 13 13 15		(11:25) Open Web to flow on a 16/64" choke with an IOP of 973 parigo florough						1 1		10000		1 Carol	1333			- Towns			100000				1880		A Share St	7 34 5	1000		
Inital Flowback	33491125AM	this bypass to the open top. (\$1.65) Divert		1-	1		973	10.78	0:35	74.42	0.00	0.00	0.00	3830	在100	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	100000	0.0	0.0	1000	0.0	8.0	- 6/
	THE RESERVE OF	New to HSSC000 ovce gas and oil resorted numbers		1-1-1						1888		1388	133	1		10-23	N. 198		The second				1000000		ACC COL	10000	BY SLEEP		The same
The state of the s		(12.30) Increase choke to 20/04" Water Weight = 10.0 ppg			1			1000		163000		100000	1300				10.1						100000			District of the second	1000000		
Initial Flowback	3319-(200 PM	OH APY = 0 (2) 100°F	0.60	1	0	-	1067	18	1:00	75.00	0.00	85.00	0.00	0.00%	100.00%	21:2:00	88.00	0.1%	88.00	0.02	8.00	0.02	1000	0.5	0.)	200	0.0	6.7	c
THE PARTY		H25 = D gorn					100	1		1000					The state of	0.0							1		MITTERS OF	1500	2	1000000	
1		(1.14) Direct flow to open top. Pressure dropped to 458, direct flow to 00054"		1 - 1	1000					1		1	100			Name of the last							100000		1 2 2 2	111111111111111111111111111111111111111		Mary and A	
Initial Flowback	3/3/10 / 1/0 PM	but back up 180 psi(g). Can and oil to	0.80	1			704	30	1:00	76.00	0.00	9.00	0.00	0.00%	100.00%	216.00	97 00	0.1%	97.00	0.00	0.00	0.08	4100	0.0	0.1	1) up	0.0	8.7	C
	1000000	surface, divertified to HSDDES on a			100			1 - 1 -		1		11000	1000			E 198	-						17 17 17 17		Maria	PER S		100000000000000000000000000000000000000	110000000000000000000000000000000000000
Inded Flowback	2/3/19/2/00 PM	20% droke (200 horses this to 20%	0.71			-	17/4	20	0:05	77.00	0.00	68.00	0.00	0.00%	100.60%	1632.00	105.00	0.1%	165.00	0.00	9.00	0.00	AL Zan	61	0.1	40000	0.0	0.5	c
Initial Production	3/3/19/2/25 PM	(2:05) Oil to Production with a WHP of		-	1	-	1173	22	0.55	77.00	0.00	0.00	0.00	-	met -	0.00	185.00	01%	165.00	0.09	0.00	0.09	LAVE .	0.0	01	Sept.	00	0.0	- 0
Initial Production	3319 3:00 PM	1,173 psi(g) on a 22/64" choice. (3:00) incresse choice to 24/64"	0.40	0.31	1 2	46	959	22	1.00	78.00	96.00	52.00		7.69%	92.31%	1152.00	213.00	0.1%	217.00	0.10	0.01	012	7354 100667	0.1	0.2	1.0	2.9	0.0	c
		(4:00) Increase choice to 26/64"		55								10000	200	3900	5000								100000000000000000000000000000000000000			150000			And the second
Initial Production	3/3/19 4/00 PM	Water Weight = 10 ppg. Oil API = 0 db 60°F	0.50	0.39	10	50	1005	24	1:00	79,00	432.00	76.00	22:00	23.58%	76.32%	1392.00	271.00	0.2%	293.00	0.12	0.03	0.14	1509 537937	0.1	03	14	13.1	8.9	c
Initial Production	3/3/19 5:00 PM	(5.00) Incresse choke to 25/64"	0.26	0.00	18	79	1090	26	1:00	80.00	432.00	97.00			61.44%	1895.00	350.00	0.2%	390.00	0.13	0.06	0.16	2037.037007	01	0.4	12	121	0.0	c
Initial Production	3/3/19/6:00 PM	(6:00) Increase choke to 30/64"	0.37	0.58	200	80	1098	28	1.00	81.00	480.00	100.00			80.00%	1520.00	430.00	0.3%	490.00	0.14	0.06	0.22	1979.166867	0.1	0.4	10	14.5	9.0	G C
Initial Production	3/3/19 7:00 PM	(7:00) Increase choke to 32/64" (6:00) Increase choke to 34/64"	0.36	0.28	23	79	1114	30	1,00	82.00	552.60	102.00	1000		77.45%	1896.00	509.00	0.3%	502.00	0.16	0.09	0.26	F141.304348						
Initial Production	3/3/19 8:00 PM	Water Weight = 10 ppg	0.20	1.03	34	104	1107	32	1:00	83.00	816.00	158.00	117.00	24.51%	75.30%	2495,00	813.00	0.4%	730 00	0.17	0.13	0.30	1507.3529-11	0.1	07	0.5	24.7	9.1	C
	1	OI API + 42 82 @ 50°F		1																									

Initial Production Initial Production Initial Production	3/3/19 8/00 PM 3/3/19 10/00 PM 3/3/19 11/00 PM	(9.00) Increase choice to 36/6/° (10.00) Increase choice to 36/6/° (11.00) Increase choice to 40/6/°	0.18 0.26 0.20	1.20 1.40 1.25	39 44 45	104 91 110	1067 1090 1063	34 36 38	1:00 1:00 1:00	84.00 85.00 86.00	1054.00 1054.00 1157.00	143.00 135.00 158.00		727% 7273% 750% 67.41% 338% 69.82%	2496.00 2154.00 2640.00	717.00 808.00 948.00	0.4% 0.5% 0.6%	873.00 1008.00 1166.00	0.17 0.18 0.19	0.18 0.24 0.29	0.36 0.43 0.49	1474.358974 1571.068607 1256.686656	0.1 0.1	0.8	0.5 0.5 0.4	26.4 22.0 34.9	9.2 9.2 9.5	0 0
Initial Production	34191200AM	(12.00) Increase choke to 42/64" Water Weight = 10 ppg CR API = 43.92 @ 60"F	0.34	1.35	133	112	1075	40	100	87.00	1272.00	165.00	301.00 30	12% 67 88%	2566.00	1030,00	0.0%	1331 00	0.21	036	0.56	1338 616362	82	12	04	36.6	9.3	0
Initial Production	3/419 1:00 AM	H25 = 0 ppm	0.11	1.00	58	114	1053	2	1:00	85.00	1392.00	172.00		T2% 66.28%	2736-00	1144.00	07%	1503.00	0.21	0.42	0 53	1236.293103	0.2	14	0.4	42.2	9.4	0
Initial Production Initial Production	3419 200 AM 3419 200 AM		0.16	1.40	63	106 108	1064	42	1:00	80.00 90.00	1512.00	171.00		1.37% 64.63% 1.64% 63.16%	2544.00 2582.00	1290.00 1358.00	0.8%	1967.00 1838.00	0.22	0.47	0.09	1123.563218 1005.291005	02	1.6	0.3	45.8	9.4	c
Initial Production	3/4/19 4:00 AM	Water Weight = 10 ppg Oil API = 43.56 db 60°F	0.62	0.67	59	106	1085	42	100	91.00	1416.00	164.00	0.30000 000	5.96% 64.07%	2530.00	1453.00	0.0%	2002.00	0.36	0.56	0.62	1052 259867	0.2	18	0.4	43	9.5	0
Initial Production Initial Production	3/419 5:00 AM 3/419 5:00 AM		1.53	0.77	63	107	1084	42	1:00	92.00 81.00	1512.00 1536.00	170 00	560.00 36	1,50% 62,94% 1,50% 01,45%	2508.00 2448.00	1670.00	10%	2172.00 2338.00	0.32	0.59	10.1	1521.164021 1493.486583	02	20	0.3	45.8	9.5	0
Initial Production	3419 7:00 AM 3419 8:00 AM	Upsheam-07% / Downstreem-0% Water Weight = 10 ppg	2.10	0.00	74	103	1074	2	100	95.00	1776.00	173.00	740.00 40	1.60% 64.30%	2076.00	1874.00	1.1%	2511.00	0.57	0.62	1.10	1606.187135	0.2	2.5	0.3	53.8 41.5	9.7	C
Initial Production	3/419 9:00 AM	OI AP1 = 42 62 @ 60°F	2.20	0.00	70	102	1008	42	1.00	90.00	1000.00	172.00	867.00 40	570% 50.50%	2448.00	1978.00	12%	2643.00	0.66	0.82	1.28	1339 52381	02	27	03	50.9	9.8	c
Initial Production Initial Production	3-4/19 10:00 AM 3-4/19 11:00 AM	Upstream05% / Downstream0%	1.70	0.00	60	113 64	1065	42	1:00	97.00 66.00	1584.00	179.00		687% 63.13%	2712:00 2016:00	2089.00 2173.00	13%	3072.00	0.75 0.82	0.62	1.37	1365.565669 1160.555556	0.1	31	0.5	43.0	9.0	c
Initial Production	3/4/19 12:00 PM	Water Weight = 10 ppg Oil API = 43.15 @ 60°F	250	0.00	100	101	1061	42	1:00	\$9.00	1512.00	164.00	1056.00 36	1.41% 01.50%	3434.00	2274 00	14%	3330.00	0.93	0.62	1.55	1653.439153	02	31	0.4	45.0	9.9	c
Initial Production	3/4/19 1:00 PM	H26 = 0 ppm	2.40	0.00	55	103	1049	2	1.00	160.00	1560.00	168.00		100% 0131%	2472.60	2377 00	1.6%	3498.00	1.03	0.62	1.85	1536 401538	02	3.3	03	473	10.0	0
Initial Production Initial Production	3/419 2:00 PM 3/419 3:00 PM	Upstream- 13% / Downstream- 0%	2.40	0.00	65	104 92	1025 1001	42	0:30	101.00	1906.00	171.00	1186.00 36 1253.00 41	1.40% 60.82% 1.40% 50.60%	2490.00 2208.00	2481.00 2573.00	1.6%	3626.00	1.13	0.62	1.75 1.86	1514.303483 1538.461538	0.2	3.6	0.4	48.7	10.1	0
Well Shut in	39419 235 PM	(3:30) Well Shut in Due to loss of comms SWP, 1104							0.01	102.50	0.00	0.00	1253.00	900 Marie	0.00	2573.00	10%	3626.00	1.23	0.62	1.85				Party I	0.0	10.1	6
NPT	34/18 3:31 PM	(3:30) Well Shut in Due to lose of corers.							0:29	102:52	0.00	0.00	1253.00	- Three	0.00	2573.00	1.0%	3628.00	1.23	0.62	1.85	The Water I			-	0.0	10.1	6
NPT Initial Production	3/4/19 4:00 PM 3/4/19 4:30 PM	Open Well to Floer on 42/64" Choke at			29	- 11	1575	R	038	103.50	904.00	0.00	1274.00 26	150% 73.47%	1302.00	2631.00	16%	3905.00	1.23	0.62	1.65	0	0.0	2.5	0.0	15.3	10.1	0
Initial Production	3/4/19 5/00 PM	1591 pul(z)	2.10	0.00	50	65	950	42	1:00	164.00	1200.00	115.00	1304.00 40	1.45% 56.52%	1560.00	2606.00	1.6%	4020.00	1.32	0.62	1.94	1750	0.1	4.2	0.5	36.4	10.2	0
Initial Production Initial Production	3/419 5:00 PM 3/419 7:00 PM		2.70 1.90	0.00	48	514 87	1045	42	1:00	105.00	1152.00 1152.00	161.00		10% 70.61% 55% 64.44%	2736.00	2610.00	1.7%	4181,00	1.43	0.62	2.05	2393.617021 1649.305556	0.2	40	0.5	342	10.2	C
Initial Production	3/419 8:00 PM	Water Weight = 10 ppg Oil API = 43.90 db 60°F	1.90	0.00	50	99	1052	42	1:00	107.00	1440.00	159.00	100000000000000000000000000000000000000	774% 62.26%	2376.00	2996 00	1.5%	4475.00	1.50	0.62	221	1319.446464	0.2	43	0.4	43.6	10.3	0
Initial Production Initial Production	3/4/19 9:00 PM 3/4/19 10:00 PM		2.07	0.00	64 57	87 85	1064	42	1:00	100.00	1536 00 1568 00	151 00	1600.00 -40	230% S7.62% 014% S0.80%	2088.00 2040.00	3069.00	19%	4626.00 4768.00	1.87	0.62	2.29	1347.65625 1694.444644	0.1	43	0.3	45.5	10.4	0
Initial Production	3/4/19 11:00 PM	Water Weight = 10 ppg	2.33	0.00	60	90	1054	-2	1,00	110.00	1440.00	150.00		0.00%	2160.00	3258.00	2,0%	4915.00	1.87	0.62	2.49	1618.75	0.5	4.7	0.4	43.6	10.5	
Initial Production	3/5/19 12:00 AM	CB API = 42.85 @ 60°F H2S = 0 pom	2.84	0.00	62	89	1047	42	1.00	111.00	1486.00	151.00	1722.00 41	00% 50.94%	2136.00	2347.00	2.0%	5088.00	1.97	0.62	2.58	1575 208617	0.1	4.6	0.4	45.1	10.5	0
Initial Production Initial Production	3/5/19 1:00 AM 3/5/19 2:00 AM		2.35 2.37	0.00	60 53	99 85	1039 1043	2	1:00	112.00	1440.00	159.00		7.74% 62.26% 2.57% 57.43%	2376.00 2040.00	3446.00 3531.00	21%	5225.00 5376.00	2.08 2.16	0.62	2.68 2.78	1629 166667 1564 153439	0.2	5.2	0.4	45.8	10.6	0
Wat Shat in	35/19/250/08	(2:30) Well Stud in Due to lose of sciences SWP, 1538			100		1108		0:01	113.50	0.00	0.00	1845.00	250 260	0.00	3531.00	2.2%	5376.00	216	0.62	278	den.	0.0	49	000	0.0	10.7	0
NPT	3/8/19 2:31 AM	(2:30) Well Shut in Due to loss of corems.							0:29	113.52	0.00	0.00	1845,00 %	THE MANY	0.00	3531 00	22%	5376.00	216	0.62	2.78	2000			1000	0.0	10.7	0
NPT NPT	3/5/19 5:50 AM 3/5/19 4:00 AM				27	48	1187		1:00	115.00	648.00 0.00	75,00	1872.00 98	64.00%	0.00	3579.00	2.2%	5451.00 5451.00	216	0.62	278 278	0	0.0	4.0	0.0	19.0	10.7	0
NPT NPT	3/5/19 6:00 AM 3/5/19 6:00 AM						1206		1.00	116,00	0.00	0.00	1672.00	200	0.00	3579.00 3579.00	22%	5451.00 5451.00	2.16 2.16	0.62	278 278	-00	00	45	23	0.0	10.8	0
NPT	3/5/19 7:00 AM						1200		1.00	118.00	0.00	0.00	1672.00	ST 4500	0.00	3579.00	2.2%	5451.00	2.16	0.02	2.78	-99	00	45	Prof.	0.0	10.9	0
NPT NPT	3/5/19 E:00 AM 3/5/19 9:00 AM						1208		1:00 0:45	119.00	0.00	0.00	1672.00	Ch. Ches.	0.00	3579.00	2.2%	5451.00 5451.00	2.18	0.62	2.78	445	0.0	45	M2,0	00	11.0	c
Initial Production	3/5/19 R:45 AM	(9:45) Open Well to Flow on 42/54" Choke at 1209 sel/g)					1209	42	0,15	120.75	0.00	0.00	1872.00	SHE HELD	0.00	3579.00	2.2%	5451.00	2.16	0.62	2.78	CLSC.	0.0	4.5	40.00	00	11.0	C
Initial Production	3/5/19 10:00 AM	***Oil Gains reading from Production reder***	0.88	0.00	10	25	1117	42	1.00	121.00	240.00	35.00		1.57% 71.43%	800.00	3604.00	2.2%	5480.00	2.20	0.62	2.82	3645,633333	0.0	4.9	2.0	7.3	11.0	C
Initial Production	3/5/19 11:00 AM	Water Weight = 10 ppg	1.02	0,00	60	121	640	-12	1:00	122.00	1440.00	181,00		3.15% 00.05%	2964.00	3725.00	23%	5667,00	224	6.62	2.88	707 6386869	0.3	8.7	0.7	43.6	11.0	0
Initial Production	3/5/19 12:00 PM	CE API = 42,97 @ 60°F H25 = 0 pom	1.40	0.00	33	100	883	2	1,00	123.00	762.00	153.00	1975.00 24		2400.00	3825.00	2.5%	5800.00	2.30	0.62	2.92	1767 676708	0.2	0.0	0.9	240	11.1	0
Initial Production Initial Production	3/5/19 1:00 PM 3/5/19 2:00 PM		2.10	0.00	56	103	1001	42	1:00	124.00	1344.00	159.00	2980.00 36		2736.00 2472.00	3939.00 4042.00	2.5%	5963.00 6122.00	2.58 2.47	0.62	3.00	1615.648259 1562.5	0.2	6.1	0.5	35.8 40.7	11.7	0
Initial Production	35/19 3:00 PM 3/5/19 4:00 PM	Water Weight = 10 ppg	2.30	0.00	66	103	1067	42	1:00	125,00	1984.00	159.00		7.58% 50.49% 7.58% 62.40%	2472.00	4236.00	25%	6281.00	2.66	0.62	3.18	1612.903226	0.1	5.9	0.5	46.1	11.3	0
Initial Production	3519 500 PM	OF AP(= 43,72 @ 50°F	2.40	0.00	68	97	1054	42	1.00	128.00	1032.00	185.00	2278.00 41	21% 58.79%	2328.00	4335.00	20%	6611.00	276	0.62	3.36	1470.588235	02	6.2	0.3	415	11.3	C
Initial Production Initial Production	3519 0 00 PM 3519 7:00 PM	and the same of	2.52 2.61	0.00	62 68	91	1053 1048	42	1:00	130.00	1632.00	153.00 160.00		0.52% 50 48% 2.50% 57.50%	2184.00 2208.00	4426.00 4516.00	27%	6764.00 6924.00	2.67 2.98	0.62	3.99	1695.564516	0.1	6.4	0.4	49.5	11.4	0
Initial Production	3519 8:00 PM	Water Weight = 10 ppg Oil API = 43.94 db 60°F	2.54	0.00	89	95	1054	42	1:00	121 00	1656.00	164.00	100000000000000000000000000000000000000	207% 57.93%	2250.00	4613.00	2.8%	7088.00	3.08	0.02	3.70	1536,024156	0.2	6.7	0.3	60.2	11.4	0
Initial Production Initial Production	3/5/19/9:00 PM 3/5/19 10:00 PM		2.62 2.58	0.00	70 69	94	1052	42	1.00	132,00	1696.00	161.00	2614.00 40	2.00% 57.32% 2.00% 57.14%	2256.00 2208.00	4707.00 4799.00	29%	7252.00 7413.00	3.19	0.62	3.82	1558.333333 1554.951691	0.2	7.0	0.3	50.9 60.2	11.5	0
Initial Production	35/19 11:00 PM	Water Weight = 10 ppg	2.58	0.00	68	91	1052	42	100	134.00	1632.00	159.00	2582.00 40	277% 57.23%	2184.00	4890.00	3.0%	7572.00	3.41	0.62	4.02	1582 107843	0.2	7.2	0.3	49.5	11.6	0
Initial Production	3/619 12:00 AM	OF API = 43.44 @ 60°F. H25 = 0 ppm	257	0.00	70	90	1063	42	100	135.00	1680.00	150.00		1.75% 66.25%	2160.00	4960 00	3.0%	7732.00	3.51	0.62	4.13	1527.07619	0.2	7.5	0.3	50.9	11.0	0
Initial Production Initial Production	3/5/19 1:00 AM 3/5/19 2:00 AM		2.59	0.00	89	99	1056 1055	42	100	136,00	1656.00	168.00		07% 58.93% 207% 57.93%	2376,00	5079.00 5174.00	3.1%	7900,00 8064.00	3.62	0.62	4.24	1566 A25121 1549 516908	0.2	7.5	0.3	50.2	11.7	6
Initial Production	3/5/19/3/00 AM 3/5/19/4/00 AM	Water Weight = 10 ppg	2.48	0.00	67	83	1050	42	1.00	138.00	1606.00	150.00	2957,00 44	4.67% 55.33%	1992.00	5257.06	3.2%	8214.00	3.83	662	4.65	1541.044775	01	7.8	0.3	40.7	11.7	9
Initial Production Initial Production	3/6/19 5:00 AM	OI API = 42 15 @ 60°F	2.44	0.00	00	82	1049	2	1:00	139.00	1656.00	161.00	3094.00 40		2160.00	5347.00	3.3%	6533.00	4.04	0.62	4.65	1583.333333	02	8.1	0.3	50.2	11.6	c
Initial Production Initial Production	3619 600 AM 3619 7:00 AM	Upstream - J09% / Downstream - 0%	260 260	0.00	68	85	1041		1.00	140.00	1632.00	154.00		610% 55.84% 610% 55.84%	2004.00	5525.00 5611.00	3.4%	8687.00	4.15	0.62	4.77	1593,137255 1593,137255	10	6.5	0.5	49.5 40.5	11.9	0
Initial Production	36/19/E00 AM	Water Weight = 10 ppg GR AP1 = 42.89 @ 60°F	2.50	9.00	69	97	1061		100	143.00	1050.00	156.00	100000000000000000000000000000000000000	57% 56.43%	2328.00	5708.00	35%	9007.00	436	0.62	4.98	1509 661836	0.2	8.6	0.5	50.2	12.0	c
Wed Shur in	9619 900 AM	(9:03) Shut in Well due to low level bulk, False ellers (5007: 1,020			66	10	1500		0:01	144.00	1584.00	153.00	3385.00 43	114% 56.00%	2088.00	5795.00	35%	9160:00	436	0.62	4.90	0	0.1	6.0	0.0	40.0	120	0
NPT	3619 9:01 AM	Shut in Well due to low level bulk; Faise alarm							0:21	144 02	0.00	0.00	3365.00	100	0.00	5795.00	35%	9100.00	4.36	062	4.90	10000			10000	0.0	12.0	0
Initial Production	3/5/19/9/22 AM 3/5/19 10:00 AM	(9:22) Open Well to Flow on 42/64" Choke at 1566 owls?	***		-		1568	42	0.58	144.37	0.00	0.00	3065.00	CO. CO.	0.00	5795.00	35%	9160.00	4.36	0.62	4.98	COLUMN TO	0.0	5.8	-	00	120	0
Initial Production Initial Production	3619 10:00 AM	(11:00) Decrease choke to 40/64" Usstream01% / Downstream - 0%	3.00	0.00	63	41 88	1123	4	100	145.00	1512.00	151.00	Maria Control	72% 58.57%	2912.00	5836.00	3.0%	9301.00	459	0.62	511	4010.344628 1587.501587	01	93	0.7	45.8	12.0	0
		Handover Rate Reached		1					7.300														184 -1			100		
Initial Production	3/6/19 12:00 PM	Water Weight = 10 ppg Ok API = 42.11 @ 00°F N25 = 0 PPM	2.40	0.00	63	96	1077	40	100	147.00	1512.00	157.00	3020.00	113% 59.87%	2256.00	8018 00	37%	9530.00	4.69	042	531	1587.501587	0.1	8.9	0.3	45.0	12.1	0
Initial Production Initial Production	3/5/19 1:00 PM 3/5/19 2:00 PM		2.40	0.00	54	85	1080	40	100	148.00	1536 00 1536 00	149.00		2.05% ST.05% SS.17%	2040.00 2136.00	6103.00	3.7%	9587.00 9640.00	4.79	0.62	5.41 5.51	1562.5 1562.5	01	9.0	0.3	46.5 46.5	122	0
Initial Production	STORY AND PRO	Upstream01% / Downstream - 0% Water Weight = 10 cog	2.30	0.00	64	90	1118	40	100	150.00	1636 00	154.00	3712.00 4	50% 50.44%	2150.00	6362.00	36%	9994.00	4.98	0.62	5.60	1497.395833	0.1	2.8	0.9	40.5	122	0
	3/5/19-3:00 PM		2.40	0.00	64	74	1068	40	100	181.00	1464.00	100000		5.10% SERIN	1776.00	6435.00	39%	10129.00	5.08	0.02	5.70	1839.344362	01	95	0.4	814	12.3	0
initial Production	3619 400 PM	Ol API = 42.59 @ 50°F	5.96	2.00		91	1079-	40	100	152.00	1536.00	143.00	3903.00 40	204% 57.90%	1896.00 2184.00	6526.50	40%	10272.00	5.28	0.62	5.80	1497.395833	01	0.0	0.3	40.5	123 124 124	00
Initial Production Initial Production Initial Production	3619 400 PM 3619 500 PM 3619 600 PM	GI API < 42.89 @ 50°F	2.30	0.00	66				1.00	154.00	1636.00	155.00	3007.00 41	29% 58.71%	2184.00	9617:00	40%	10584.00	5.39	0.62	5.01	1630:208333	0.1	9.8	0.3	46.5		
Initial Production Initial Production	36/19-4:00 PM 36/19-5:00 PM	OS API < 42.89 db 50°F Upstream - 02% / Downstream - 0% Weter Weight + 10 ppg	2.48 2.50	0,00	66 64 65	91. 83	1064	40	Participation of the Control of the	100000	1640.00	148.00	4032.00	100% 55.00%	1002.00	6700.00	41%	10737.00	5.49	0.60	011	1619.871796	01	9.8				9
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	3619 400 PM 3619 500 PM 3619 500 PM 3619 700 PM 3619 700 PM 3619 900 PM	Oli API = 42.59 db 50°F Upstream - 02% / Coverstream - 0%	2.48 2.50 2.53 2.52	0.00	64 65 63	83 83	1093 1095	40	1.00	155.00 156.00	1512.00	146.00	4095.00 43	1.15% 50.05% 1.15% 50.05%	1992.00	6783.00	41%	10732.00	5.60	0.62	6.22	1007.909418	01	9.8	0.3	47.3 45.8	12.4	0
Initial Production Initial Production Initial Production Initial Production Initial Production	3619-500 PM 3619-500 PM 3619-600 PM 3619-700 PM 3619-600 PM	CS API = 42,59 db, 60°F Upstram - 60°S / Owenstram - 0% Water Magic = 10 ppg CS API = 62.14 db, 60°F Upstram - 61% / Ocenstram - 0%	2.48 2.50 2.53	0.00	66	83	1093	40	1.00	156.00		146.00	4095.00 41 4199.00 41		2000000	- TO TO TO TO		100000000000000000000000000000000000000					200	9.8	0.3	47.3	12.4	0 0 0
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	3619 400 PM 3619 500 PM 3619 600 PM 3619 700 PM 3619 900 PM 3619 900 PM 3619 900 PM	Gs API = 42.59 db 50°F Upsbeam - 62°S / Owensbeam - 0% Water Weight = 10 ppg Gs API = 62.14 db 50°F Upsbeam - 61°S / Ocensbeam - 0% Water Weight = 10 ppg Gs API = 62.21 db 50°F	2.48 2.50 2.53 2.52 2.49	0.00 0.00 0.00 0.00	64 65 63 64	83 83 91	1093 1095 1096	40 40	100 100 100	156.00 156.00 157.00	1512.00	146.00	4095.00 45 4159.00 45 4223.00 46	1.15% 56.85% 1.25% 56.71%	1092.00	5783.00 0574.00	41% 42%	10878.00 11033.00	5.60 5.70	0.62	6.22	1067.909418 1623.697917	01	9.8 9.9 10.1	0.3 0.3 0.3	47.3 45.8 46.5	12.4 12.5 12.5	0
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	36/19 4:00 PM 36/19 5:00 PM 36/19 5:00 PM 36/19 5:00 PM 36/19 5:00 PM 36/19 1:00 PM 36/19 1:00 PM 36/19 1:00 PM 37/19 1:00 AM	Os API = 42,59 dt 50°F Upstream - 02% / Oxwrstream - 0% Water Wieger = 10 ppg Os API = 42,14 dt 50°F Upstream - 01% / Oxwrstream - 0% Water Wieger = 10 ppg	2.48 2.50 2.53 2.52 2.49 2.51 2.52 2.53	0.00 0.00 0.00 0.00 0.00	64 65 63 64 64 64	83 83 91 94	1093 1095 1096 1096 1096 1094	40 40 40 40	100 100 100 100 100	156.00 156.00 157.00 158.00 158.00 160.00	1512.80 1536.00 1536.00 1536.00	148.00 155.00 158.00 147.00	4085.00 40 4109.00 41 4223.00 40 4287.00 40 4382.00 41	1.15% 58.85% 1.25% 58.71% 1.51% 58.45% 1.54% 58.45%	1992.00 2184.00 2256.00 1992.00 2298.00	5783.00 0874.30 8068.00 7061.30	4.1% 4.2% 4.2% 4.3% 4.3%	10878.00 11033.00 11191.00 11338.00	5.60 5.70 5.81 5.91 6.02	0.62 0.62 0.62 0.62	6.22 6.32 6.42 6.53 6.63	1067 909418 1023 097917 1030 416067 1637 389792 1019 671795	0.1 0.1 0.1	9.8 9.9 10.1 10.2 10.4 10.6	0.3 0.3 0.3 0.3 0.3	47.3 45.8 46.5 46.5 46.5 46.5	124 125 125 126 128 128	000
Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production Initial Production	36/19 4:00 PM 36/19 6:00 PM 36/19 6:00 PM 36/19 7:00 PM 36/19 5:00 PM 36/19 1:00 PM 36/19 1:00 PM 36/19 1:00 PM	CB API = 42.59 45.00°F Upstream - 0.0°S / Obverstream - 0°S Water Weight = 10 ppg CB API = 42.14 65.00°F Upstream - 91% / Obverstream - 0°S Water Weight = 10 ppg CB API = 42.21 62.00°F FOB = 0.0°PM Upstream - 01% / Obverstream - 0°S	2.48 2.50 2.53 2.53 2.52 2.49 2.59 2.52	0.00 0.00 0.00 0.00 0.00	64 65 63 64 64	83 83 91 94 63	1093 1095 1096 1096 1096	40 40 40 40	100 100 100 100	156.00 156.00 157.00 158.00 158.00	1512.00 1536.00 1536.00 1536.00	148.00 155.00 158.00 147.00	4085.00 40 4109.00 41 4223.00 40 4287.00 40 4382.00 41 4419.00 46	1.15% 58.85% 1.25% 58.71% 1.61% 58.45% 1.94% 58.45%	1992.00 2184.00 2256.00 1992.00	5783.00 0874.00 8068.00 7061.00	4.1% 4.2% 4.2% 4.3%	10678.00 11033.00 11191.00 11338.00	5.60 5.70 5.81 5.91	0.62 0.62 0.62 0.62	6.22 6.32 6.42 6.53	1067.989418 1023.697917 1636.416987 1637.389792	01	9.8 9.9 10.1 10.2 10.4	0.3 0.3 0.3 0.3	47.3 45.8 46.5 46.5 46.5	124 125 125 126 128	000
Initial Production Initial Production	36/19 4:00 PM 36/19 5:00 PM 36/19 5:00 PM 36/19 5:00 PM 36/19 5:00 PM 36/19 1:00 PM 36/19 1:00 PM 36/19 1:00 PM 37/19 1:00 AM 37/19 2:00 AM 37/19 2:00 AM 37/19 3:00 AM	OR API = 42,59 dt 50°F Upstream - 0.2% / Downstream - 0% Water Wieger = 10 ppg OR API = 42,140 50°F Upstream - 01% / Ownstream - 0% Water Wieger = 10 ppg OR API = 42,21 dt 50°F H2S = 0 PPM	2.48 2.50 2.53 2.52 2.49 2.55 2.52 2.53 2.48 2.55 2.55 2.55	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	64 63 64 64 64 65	83 83 91 94 63	1093 1096 1096 1096 1094 1094 1090 1094 1096	40 40 40 40 40	100 100 100 100 100 100 100 100 100	198.00 198.00 157.00 158.00 160.00 160.00 161.00 162.00 163.00	1512.00 1536.00 1536.00 1536.00 1536.00 1590.00 1590.00	146.00 195.00 158.00 147.00 147.00 141.00 139.00 151.00	4085.00 40 4108.00 40 4223.00 40 4287.00 40 4352.00 41 4416.00 40 4487.00 40 4641.00 40	1.15% 58.65% 1.25% 58.71% 1.61% 59.40% 1.64% 56.40% 1.64% 56.60% 5.30% 54.61% 5.70% 53.24% 1.05% 56.90%	1092.00 2184.00 2296.00 1992.00 2296.00 1648.00 1776.00 2064.00	5783.00 0574.00 8068.00 7061.00 7143.00 7720.00 7294.00 7360.00	41% 42% 42% 42% 43% 44% 44% 44% 44%	10678.00 11033.00 11101.00 17338.00 11495.00 11636.00 11775.00 11826.00	5.90 5.70 5.81 5.91 6.02 6.12 6.22 8.33	0.62 0.62 0.62 0.62 0.62 0.62 0.62 0.62	6.22 6.32 6.42 6.83 6.63 6.74 6.84 0.95	1067 909418 1623,697017 1636,416967 1637,389793 1619,671796 1611 328125 1005,789238 1634,615365	01 01 01 01	9.8 9.9 10.1 10.2 10.4 10.6 10.7 10.8 11.1	0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	47.3 45.8 40.5 40.5 40.5 47.3 40.5 47.3	12.4 12.5 12.5 12.6 12.6 12.6 12.7 12.7 12.7	000
Initial Production Initial Production	36/19-4:00 PM 36/19-000 PM 36/19-000 PM 36/19-000 PM 36/19-000 PM 36/19-1000 PM 36/19-1000 PM 36/19-100 PM 37/19-100 AM 37/19-000 AM 37/19-000 AM 37/19-000 AM 37/19-000 AM	Gs API = 42,59 dt 50°F Upstream - 0.2% / Oxwrstream - 0% Water Wieger = 10 ppg Gs API = 42,14 dt 50°F Upstream - 01% / Oxwrstream - 0% Water Wieger = 10 ppg Gs API = 42,74 dt 50°F H28 = 0 PPM Upstream - 01% / Oxwrstream - 0% Water Wieger = 10 ppg	2-88 2-59 2-59 2-59 2-59 2-59 2-59 2-59 2-59	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	64 65 63 64 64 65 66 65 65 65	83 83 91 94 63	1093 1095 1096 1096 1094 1088 1090 1094 1075 1079 1064	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 100 100 100 100 100 100 100 100 100	198.00 198.00 157.00 158.00 160.00 161.00 162.00 163.00 164.00 166.00	1512.00 1530.00 1536.00 1536.00 1536.00 1540.00 1540.00 1500.00 1536.00 1448.00	146.00 195.00 198.00 147.00 167.00 141.00 159.00 161.00 140.00 144.00	4085.00 40 4199.00 41 4223.00 46 4352.00 41 4415.00 46 4416.00 46 4641.00 44 4610.00 44 4610.00 44	1.15% 58.85% 1.25% 58.71% 1.26% 58.45% 1.26% 58.45% 1.40% 58.60% 5.30% 54.61% 5.70% 53.24% 1.70% 53.24% 1.70% 59.50% 1.70% 59.50%	1992.00 2184.00 2295.00 1992.00 2298.00 1848.00 1778.00 2064.00 1998.00 1988.00	6783 50 6874 30 6068 50 7061 30 7143 00 7720 30 7254 30 7360 30 7541 50	41% 42% 42% 42% 43% 44% 44% 44% 44% 45% 45%	10878.00 11033.00 11191.00 11338.00 11495.00 11636.00 11775.00 11806.00 12066.00 12213.00	5.60 5.70 5.81 5.91 6.02 6.12 6.22 6.33 8.44 6.54	6 62 6 62 6 62 6 62 6 62 6 62 6 62 6 62	6.22 6.32 6.42 6.63 6.74 6.84 6.96 7.05 7.15	1067 369418 1923 667947 1639 416067 1637 3987903 1619 56717905 1611 308125 1605 789234 1634 615365 1653 646638 1612 000328	01 01 01 01 01 01 01 01 01	98 99 90,1 10,2 10,4 10,6 10,7 10,8 11,1 11,2 11,3	0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	47.3 45.8 46.5 46.5 46.5 47.3 46.5 47.3 46.5 46.5	12.4 12.5 12.5 12.6 12.6 12.7 12.7 12.7 12.8 12.8	0 0 0 0 0
Initial Production Initial Production	36/19 4:00 PM 36/19 5:00 PM 36/19 6:00 PM 36/19 6:00 PM 36/19 7:00 PM 36/19 1:00 PM 36/19 1:00 PM 36/19 1:00 AM 37/19 2:00 AM 37/19 3:00 AM 37/19 3:00 AM 37/19 5:00 AM	Gs API = 42,59 dt 50°F Upstream - 0.2% / Oxwrstream - 0% Water Wieger = 10 ppg Gs API = 42,14 dt 50°F Upstream - 01% / Oxwrstream - 0% Water Wieger = 10 ppg Gs API = 42,74 dt 50°F H28 = 0 PPM Upstream - 01% / Oxwrstream - 0% Water Wieger = 10 ppg	2-86 2-50 2-50 2-50 2-50 2-50 2-50 2-50 2-50	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	64 65 64 64 64 65 64 65 65 65	83 83 91 94 63 62 77 74 66 79	1093 1095 1096 1096 1096 1094 1088 1090 1094 1076 1079	40 40 40 40 40 40 40 40 40 40 40 40 40 4	100 100 100 100 100 100 100 100 100 100	198.00 198.00 157.00 158.00 188.00 180.00 181.00 182.00 163.00 164.00	1512.00 1536.00 1536.00 1536.00 1536.00 1560.00 1560.00 1560.00	146.00 155.00 158.00 147.00 147.00 141.00 139.00 151.00 144.00 144.00 143.00	4085.00 45 4199.00 41 4223.00 45 4287.00 43 4382.00 43 4419.00 44 4541.00 44 4672.00 44 4739.00 46	1.15% 56.65% 1.25% 58.71% 1.61% 58.40% 1.54% 56.40% 1.40% 56.60% 1.70% 53.24% 1.70% 53.24% 1.70% 53.24%	1092.00 2184.00 2296.00 1982.00 2288.00 1548.00 1778.00 2084.00 1896.00	6783.06 0574.00 8066.00 7081.00 7143.00 7720.00 7294.00 7360.00 7450.00	41% 42% 42% 42% 43% 44% 44% 44% 44% 44%	10878.00 11033.00 11191.00 11338.00 11495.00 11638.00 11775.00 11208.00 12089.00	5.90 5.70 5.81 5.91 6.02 6.12 6.22 6.33 8.44	0 60 0 60 0 60 0 60 0 60 0 60 0 60 0 60	6.22 6.32 6.42 6.83 6.63 6.74 6.84 6.96 7.06	1067 369418 1623 667647 1636 416667 1637 389790 1619 671790 1611 338125 1605 139238 1634 615365 1653 6466038	01 01 01 01 01 01 01 01	9.8 9.9 10.1 10.2 10.4 10.6 10.7 10.8 11.1	0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	47.3 45.8 46.5 46.5 46.5 47.3 46.5 47.3 47.3 47.3	12.4 12.5 12.5 12.6 12.6 12.6 12.7 12.7 12.7 12.8 12.8	0 0 0 0 0 0

WELL DATA SUMMARY

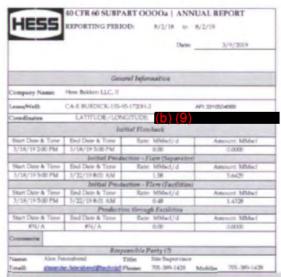
Clear data to create Flowback data for new well Fermi Common State Flowback (Clear Common State Flowback data for new well Fermi Common State Flowback (Clear Common State Flowback Common State Flowback

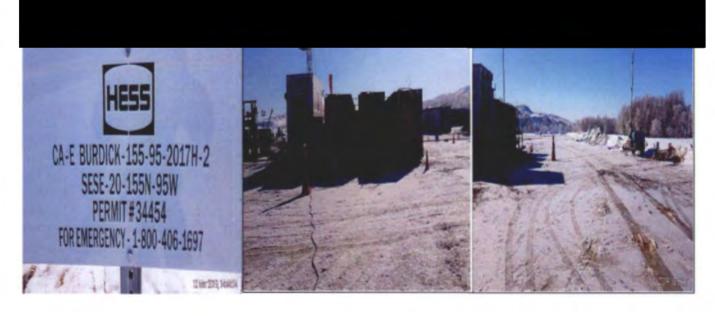
REPER TO COMMENTS ON CELLS FOR QUIDANCE

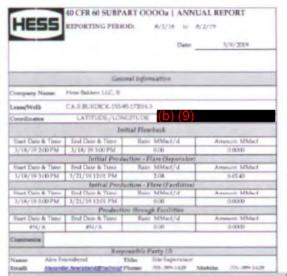
Data Completed By: Flowback Crew / Hass FB Supervisor Flowback

	Effective # Stages	42	Stages																									
Event Protect	Date MAI/DOVY TIME	Remarks	Franci Gas Rate (FB) NBAucki	Sales Ges Rate MMALCO	Oil Volume	Water Volume	Tyting Fress	Choke Size in LERED	Duration	Cum Time	Oil Delty bolistey	Total Florid MANo	Oil Com	Gil Cut	Water Cut	Water Delly ELENiau	Water Cum	Load Recovery	Tetal Liq Cure	Flared Gas Com Millact	Sales Gas Cum Messor	Total Gas Cum	GOR ACEDM	BEFFILFTP	Com FTPH/FTP	1PI (ps:3M)	BOIStade (M/s/vac)	SQRT (t) (Hours*0.5)
	921/19 6 50 PM	Report start time	0.00		0	0	1990	0	0.00	0.00	0.00	0	0	AND				0.0%	200	8.00	0.00	0.00	No.	0.0	60	Real Property lies	0.0	0.0
Standard Work	617/19 8:30 AM	TFMC Begins Rig over to H-8 and prepare for pressure tool		100			130		2:00	0.00	0.00	0.00	0.60	an	-	0.00	0.00	0.0%	000	8.00	0.00	0.00	9177			ere :	0.0	0.0
Standard Work	6/17/19 10:30 AM	1FMC Performing Manifold Maintenance							1:15	200	9.00	0.00	0.80	400	1500	8.00	0.00	0.0%	0.00	8.00	0.00	0.00	7000			400	- 00	1.4
Standard Work	617/19 11:45 AM	Rig Over complete, Begin Pressure test							0.45	3.25	9.00	0.50	0.80		1000	0.00	0.00	0.0%	0.00	8.00	0.00	0.80	1000			1000	0.0	1.8
Standard Work	617/19 12:30 PM	Pressure lest Complete and succesful. TFMC Preparing to open well							0:30	4.00	0.00	0.00	0,00	249	MONE	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	and the			100	0.0	2.0
India Flowback	6/7/19 1.00 PM	Open with to Flow on 1956 F child (5) 983 pain				1500	15	16	1.00	4.50	0.00	0.00	000	1000	-	2.00	0.00	20%	0.00	0.00	0.00	000	1000	0.0	0.0	- 24	60	2.1
	No.	1816 Increase Choice to 20/64" water leading up				10		100	1000			100	100		673				100	1						1860		
Inthe Flowbach	617/19 2:00 PM	1925 Increase shake to 20165' will leading up	2.00	0.00	1 2	2	26	14	1:00	5.50	0.00	33.50	0.00	0.00%	100.00%	702.00	33.00	0.0%	33.00	0.00	0.00	0.00	-	13	1.3	-	00	2.3
10000		T300 transpersions to 96,60° gut line und Conding co																	1000				1 88			3		
I die Florbock	012183.00FW	Well open to Open by an 66/56" gut time. Wating for DEL to portions Protestions.	0.00	0.00		100	11	*	1.00	6.50	0.00	80.00	0.00	0.00%	100.90%	1440.00	93.00	0.0%	93.00	9.00	0.00	0.00	1000	5.5	85	-	0.0	2.5
total Figuration	GITTUATORU	Well open to Open top on 99/64" gut too. Working for D&L to purform	1.00	0.00			1	4	0.10	250	9.00	300	0.00	0.00%	100.00%	72.00	98.00	0.0%	96.00	800	0.00	0.00	1	0.6	19.3	200	00	2.7
Intel Flowbigs	517/194 TO PM	Puroteen						100	0.35	7.97		0.00	0.00							0.00			1				0.0	2.6
		Dist. Het oler en broiten for pumpdison Het Oler Rigged op Shut in Wel and						-			0.00			500		0.00	96.00	0.0%	96.00	17 9 55 55	0.00	0.00	200			-		
Well Shut in	S/17/10 4 45 PM	Segin pumping. See pumpition Log for sigliels							0.01	8.25	0.00	0.00	0.00	700	100	0.00	96.00	0.0%	86.00	0.00	0.00	0,00	-			1000	0.0	2.9
RPT	6/17/15 4:46 PM	Begin Pumpdown of Well to attempt to clear potential sand bridge							1.04	8.27	0.00	0,00	0.00	800	400	0.00	96.00	0.0%	96,00	0.00	0.00	0.00	100	100		497	00	2.9
NPT	W17719 A 50 PM	Pumpdown Complete 75 Bbls pumped. Rig down Hot oiler and							0.10	9.33	0.00	000	0.00	ARL	200	0.00	91.00	0.0%	96.00	0.00	0.00	0.00	-			V2.07	0.0	31
NPT	8/17/19 6:00 PM	Open well to Flow on a 96/64" gut							0.15	950	0.00	0.00	0.00	0.00		0.00	96.00	0.0%	96.00	0.00	0.00	0.00	1	00	0.1	110	60	31
		line to Open too tank. Well Dead: TFMC Monttoring				1			A 12 C					Barrie Barrie	-				153				19-11-00				1	
MPT	8/17/18 6:16 PM	pressure and returns as instructed							0.45	9.75	5.80	0.00	0.00	4200	W.C.	0.00	95.00	0.0%	86.00	5.00	0.00	0.06	1	1 1150		-	0.0	3.1
RPT	6/17/19 7:00 PM	Well Dead. 1FMC Monitoring					a		100	10.50	0.00	100	0.00	0.00%	100.00%	24.00	97.00	0.0%	97.00	0.00	0.00	0.00	Bank S	0.0	23	V200	0.0	5.2
		pressure and returns as instructed										1000		1000					1000	1000						100	1000	
NPT	9/17/19 9:00 PM	Well Dead: 1FMC Monitoring pressure and returns as instructed				1.0	22	16	1:00	11.50	0.00	0.00	0,00	River .	200	0.00	97.00	0.0%	97.00	0.00	0.00	0.00		0.0	4.4	239	0.0	3.4
		Well Dead. TPMC Monitoring						_				-						500									-	
NPT	B/17/18 9:00 PM	pressure and returns as instructed				,			1:00	12.50	0.00	F.00	0.00	0.00%	100.00%	24.00	56.00	0.0%	96.00	0.00	0.00	0.00		0.2	19.5		00	3.5
NPT	6/17/19 10:00 PM	Well Dead: TPMC Monitoring pressure and returns as instructed						*	1.00	13.50	0.00	000	0.00	55.5	45.00	0.00	96.00	0.0%	50.00	0.00	0.00	0.00	100	0.0	245	600	0.0	3.7
NPT	6/17/19 11:00 PM	Well Dead. 1FMC Monitoring					1		1.00	1450	0.00	1.00	0.00	0.00%	100.00%	34.00	99.50	0.0%	99.00	0.00	0.00	0.00	rose.	1.0	960	-	0.0	3.8
		precause and refurns as instructed																									133.5%	4
NPT	8/18/19 12:00 AM	Well Dead, 1FMC Monitoring pressure and returns as instructed						*	1:00	15.50	0.00	0.00	0.00	2000	14.11	0.00	99.00	0.0%	99.00	0.80	0.00	0.00	1	0.0	16.5	4-57	0.0	1.9
MPT	6/18/19 1:00 AM	Well Dead. TFMC Monitoring pressure and returns as instructed							1:00	16.50	0.00	1.00	0.00	0.00%	100.00%	34 00	100.00	0.0%	100.00	0.00	0.00	0.00	200	0.0	1.2	62	0.0	41
NPT	6/16/19 2:00 AM	Well Dead. TFMC Mississing					41		100	17:50	0.00	6.00	0.00	200	-50	0.00	100.00	20%	100.00	9.00	0.00	0.00	100	0.0	24	200	0.0	42
		pressure and returns as instructed Well Dead. TPMC Monitoring								5				-			1100				-					13.5		44
NPT	6/18/19 2:90 AM	pressure and returns as instructed					24	-	100	18.50	0.00	1.00	0.00	0.00%	100 00%	24.00	101.00	0.0%	101.00	0.00	0.00	0.00		0.0	4.7	475	6.0	43
NPT	8/18/19 4:00 AM	Well Dead. TFMC Monitoring pressure and returns as instructed				- 0	60		1.00	19.50	0.00	0.00	0.00	10,00	2	0.00	101.00	0.0%	101.00	0.00	0.00	0.00	4	0.0	2.0	4010	0.0	44
NPT	8/19/19 5:00 AM	Well Dead. TFMC Monitoring							1.00	20.50	0.00	0.00	0.00	and a	15.523	0.00	101.00	0.0%	101.00	0.00	0.00	0.00	-	0.0	10		00	45
		pressure and returns as instructed						-				150			1003					1			1000					
NPT	6/19/19 6:00 AM	Well Dead: TFRIC Monitoring pressure and returns as instructed				1	21	. **	1.00	21.50	0.00	1.00	0.00	0.00%	100 00%	24.00	102.00	0.0%	102.00	0.00	0.00	0.00	200	0.0	44	~~	00	4.6
-	8/19/19 7 00 AM	Well Dead. TFMC Monitoring						_	100	*****	0.00	0.00	0.00	352		0.00	102.00	0.0%	100.00	0.80	0.00	0.00	10000	0.0	22		0.0	47
MPT		pressure and returns as instructed						-		22.50		1		200	EN	TO SECOND	1		100000	ME COLO					STATE OF THE STATE			
NPT	6/19/19 0:00 AM	Well Dead. TFNC Monitoring pressure and returns as instructed				0	11	24	0.15	23.50	0.00	0.00	0.00	77-3	78.07	0.00	102.00	20%	102.00	0.00	0.00	0.00	1919	0.5	8,5	000	00	4.6
Wellstwitin	MA ET S GESTO	Hot siler on location and rigging up for ourselbein. Hot Oller Begins Pumpdown. See							0.15	23.76	0.00	0.00	0.00	1250	3516	0.00	102.60	0.0%	102.00	0.00	0.00	0.00	100			1000	0.0	4.9
NPT	6/18/19 8:30 AM 6/18/19 3:30 AM	Hot Otter Begins Pumpdown. See ourendown Log (2) for Details Hot clies Finished reproduces.					1450		1.00	25.00	0.00	0.00	0.00	27/2	MAN .	0.00	102.00	0.0%	102 00	0.00	0.00	0.00	1	0.0	0.1	# 2 PT	00	5.0
Initial Flowback	010/10 9:45 AM	Court was to flow an 96 64" to open too	THE PERSON	FIEE	-		1026		0.15	25.00	0.00	0.00	0.00	Sec.	450	0.00	102.80	0.0%	102.00	0.00	0.00	0.00	-	0.0	0.1	-77-0	00	5.0
Inka Bantack	BITRITE ID ON AM	tork at 1020 one	0.00	0.00	8	- 64	115	100	100	26.50	- 0.00	96.00	0.00		100 00%	2304.00	198.00	01%	198.00	0.00	0.00	0.00	43355 49557	0.6	1.0	1700	00	50
Initial Pipabask Initial Pipabask	6/16/18 11:00 AM 6/18/19 11:30 AM	Key Swellteing rig on location to rig up	0.00	0.00		34	70	*	0.30	26.50	0.00	0.00	0.00	0.00%	F7 (%)	0.00	232.00	0.7%	232.00 282.00	0.00	0.00	0.00	Contract of	0.3	23	500	0.0	5.1
India Flowback	67819 12.00 PM	Well conting around Divert Flow to Vessel on 96/64" gut too			M HA	43	100		0.30	27.50	0.06	43.00	0.00		100.00%	1032.00	275.00	0.1%	275.00	0.00	0.00	0.00	1000	0.4	2.0	1300	0.0	5.2
Intel Flowback	8/16/19 12:30 PM	of 870 period. One to surface				1	810		0.30	28.00	0.00	0.00	0.00	45.40	1	0.00	275.00	0.1%	275.00	0.00	0.00	0.00	1000	00	0.3	- 1200	00	5.3
Initial Flowback	818/10 1 00 PM	Resuct Choks to 35.64" target 13/6/ph Oil to-cales at 1:45 PM Key Swabbing	148	0.00	0	-	622	*	1:00	28.50	0.00	66.00	6.00	0.00%	100 60%	1584.00	341.00	0.1%	341.00	0.06	0.00	0.06	75.5	01	0.5	SEAS S	0.0	5.3
Initial Production	6/15/19 2:00 PM	Rig Released as Well is Flowing on it's own	0.21	1.68	0	100	811	30	1:00	29.50	0.00	100.00	0.00	0.00%	100.00%	2400.00	441.00	0.2%	441.00	0.57	0.07	0.14	1 50	01	0.5	444	0.0	5,4
Initial Production	6/15/19/3 00 PM	Water Weight = 10 ppg	0.69	1.26	1	91	918	*	1:00	80 50	24.00	92.00	1.00		26.91%	2184.00	532.00	0.2%	521.00	0.09	0.12	0.22	75416.06067	0.1	0.6	25.5	86	5.5
Initial Production	6/15/19 4:00 PM	API = 41.48	0.74	9.84	48	78	925	36	1.00	31 50	1152.00	128.00	49.00	36.10%	81.90%	1872.00	910-00	0.3%	659-00	0.12	0.14	0.28	934.8956333	0.1	0.7	0.5	27.4	5.6

																							l mar					
Initial Production Initial Production	6/18/19 6:00 PM		0.91	0.83	50	71 63	877 960	36	1.00	32.50 33.50	1032.00	114.00 118.00			56.75%	1704.00	744.00	0.3%	773.00 664.00	0.17	0.17	0.31	1106.589147	0.1	0.9	0.8	24.6 26.6	5.0
Initial Production	6/18/19 7:00 PM 6/18/19 8:00 PM	Water Weight = 10 ppg	1.02	0.58	48	72 76	967	36	1.00	34.50	1152.00	120.00	100000		60.00%	1728.00	816.00	0.3%	1006.00	0.72	020	0.42	1215.277778	0,1	111	0.5	27.4	6.0
Initial Production Initial Production	615199.00 PM	API = 41.18	100	0.29	82	70	903	30	1.00	30.50	1746.00	122.00	100000		57.30%	1680.00	962.00	0.4%	1254-00	0.31	0.23	0.63	1001 730700	0.1	1.3	0.4	29.7	0.0
Initial Production Initial Production	6181910:00 PM 6181911:00 PM		1.00	0.34	52 54	72	1004	36	1:00	37.50	1248.00	125.00			55.06%	1728.00	1034.00	0.5%	1376.00	0.35	0.24	0.59	1145.833333	0.1	14	0.4	29.7	62
Initial Production	6/19/19 12:00 AM	Weter Weight = 10 ppg APT = 41.33	1.13	0.29	-	34	1004		1:00	39.50	1796.00	128.00	6773		67.01%	1776.00	1179.00	0.0%	1631 00	0.65	626	0.79	1005-679012	0.1	14	0.4	30.9	9,3
Invital Production	6/19/19 1:00 AM	H2S= 0 PPM	1.19	0.29	-	65	1006		1.00	40.50	1296.00	119.00	806.00	750000	54.82%	1980.00	1244.00	0.5%	1750.00	0.50	0.28	0.77	1141 875308	41	12	0.4	30.9	64
Initial Production	6/19/19 2:00 AM		1.23	0.31	55	68	1012	36	1.00	41.50	1320.00	123.00	561.00	84,72%	55.20%	1832.00	1312.00	0.9%	1873.00	0.55	0.29	0.64	1106 999097	0.1	1.9	0.4	31.4	8.4
Initial Production	6/19/19/3:00 AM 6/19/19/4:00 AM	Water Weight = 10 ppg	1.20	0.29	50	76	1016	30	1:00	42.50 43.50	1320.00	170.00	1000000	395771419	51.57% 51.52%	1624.00	1377.00	0.6%	2135.00	0.60	0.30	0.90	940,6565657	0.1	2.0	0.9	31.4	6.6
Initial Production	6/19/19 5:00 AM	AP1 = 41.26	1.26	0.31	-50	67	1007	36	1.00	44.50	1544.00	123.00	730.00	COLUMN TO SERVICE SERV	54.47%	1608.00	1520.00	0.6%	2258.00	0.70	0.33	1.03	1166.194792	0.1	22	0.4	12.0	0.7
Initial Production Initial Production	6/19/19 6:00 AM 6/19/19 7:00 AM		1.16	0.31	56	88 76	1013	38 36	1.00	45.50 46.53	1544.00	114.00			67.58%	2112.00	1664.00	0.7%	2402.00	0.75	0.34	1.09	1092.281905 1223.958333	0.1	2.5	0.4	32.0	6.7 G.B.
Initial Production	6/19/19 8:00 AM	Water Weight = 10 ppg API = 41 26	1.25	0.36	61	00	1020	36	1.00	47.50	1054.00	127.00	911.00	10000	51.97%	1584.00	1750.00	0.7%	2001.00	0.65	037	1.22	1101.775066	01	- 20	0.3	34.9	0.0
Initial Production Initial Production	6/19/19 9:00 AM 6/19/19 10:00 AM		1.31	0.51	53	65 74	1025	36	1:00	48.50 49.50	1272.00	118.00			55.08%	1560.00	1815.00	0.8%	2779.00	0.91	0.38	1.35	1272-012579	0.1	27	0.4	303	70
Initial Production	6/19/19 11:00 AM		121	0.34	50	63	306	36	1:00	50.50	1200.00	113.00			60.75%	1512.00	1952.00	0.8%	9008.00	1.00	0.41	1.41	1200 833333	0.1	30	0.4	28.6	7.1
Initial Production	619/19 12:00 PM	Water Weight = 10 ppg. API = 41.33	1.25	0.36	59	65	1021	36	1.00	51.50	1418.00	124.00	1133.00	47,56%	52.42%	1500.00	2017.00	0.9%	3150.00	1.05	0.43	1.45	1139.830008	0.1	3.1	0.4	33.7	7.2
Initial Production	6/19/19 1:00 PM	H25* 0 PPM	1.28	0.54	50	62	1010	36	1.00	. 52.50	1416.00	121.08	1192.00	48.70%	51.24%	1488.00	2079.00	0.9%	3271.00	1.11	0.44	1.55	1139.850506	0.1	32	0.4	33.7	7.2
Initial Production Initial Production	6/19/19/2:00 PM 6/19/19/3:00 PM		1.30	0.36	50	60 74	1036	36	1.00	53.50 54.50	1416.00	133.00		40.55% 44.30%	50.62% 55.64%	1776.00	2139.00	0.9%	3300.00	1.10	0.40	1.62	1173,728814 1182,009005	0.1	33	0.4	33.7	7.5
Initial Production	6/19/19 4:00 PM	Water Weight = 10 ppg API = 41.26	1.30	0.36	60	61	1025	38	1:00	55.50	1440.00	121,00	1370.00	49.50%	50,41%	1464.00	2274.00	10%	3644.00	127	0.49	1.76	1152.77778	0.1	3.6	0.4	34.3	7.4
Initial Production Initial Production	6/19/19 5:00 PM		1.70	0.36	57	62 58	1021	36	100	56.50	1966.00	110,00			52.10% 49.15%	1485.00	2336,00	1.0%	3703.00	1.34	0.50	1.84	1505.847953 1118.055556	0.1	3.7	0.4	32.6	7.6
Initial Production	6/19/19 7:00 PM	Water Walnut in 10 mag	1.29	0.38	50	57	1025	36	1.00	58.50	1392.00	115,00		330000	49.57%	1308.00	2451.00	1.0%	3996.00	1.45	0.50	1.00	1190 63906	0.1	13	0.4	33.1	7.0
Initial Production	6/19/19 8:00 PM 6/19/19 9:00 PM	Water Weight = 10 ppg API = 41.22	1.34	0.36	59	63 61	1022	36	1:00	60.50	1418.00	113.00	1656.00	46.02%	51.64% 53.98%	1512.00	2514.00	5.1% 3.1%	4231.00	1.50	0.55	2 12	1200.504972	0.1	41	0.4	33.7	7.7 7.8
Initial Production Initial Production	6/19/19 10:00 PM		1.28	0.36	58	66	1024	36	1:00	81.50	1392.00	124.00	1714.00	48.77%	51.23%	1584.00	2641.00	1.1%	4355.00	1.61	0.50	2.19	1177.442529	01	43.	0.4	33.1	7.8
Initial Production	67879 11:00 PM	Water Weight = 10 ppg	1.33	0.38	57	06	1023	30	100	62.50	1386.00	123.00			52.00%	1584 00	2707.00	1.1%	4478.00	1.62	9.00	2.26	1290	0.1	44	0.4	32.0	7.0
Initial Production	6/20/19 12:00 AM	API = 41.38 H2S= 0 PPM	1.33	0.38	58	63	1021	ж	1:00	63.50	1362.00	121.00	1000000		62,07%	1912.00	2770.00	1.2%	4509.00	1.72	0.61	2.33	1251.321839	0.1	4.5	0.4	33.1	8.0
Initial Production Initial Production	6/20/19 1:00 AM 6/20/19 2:00 AM		1.31	0.36	60	54 48	1022	36 36	023	65.50	1440.00 1440.00	100.00	1889.00	52,63%	47.37%	1296.00	2672.00	12%	4621.00	1.85	0.62	2.40	1159-722222	0.1	40	0.4	34.3	8.0
Well State In	6/20/19/2/23 AM	Size Light Production ESD due to							0:01	65.86	0.00	0.00	1949.00	737	-	0.00	2872.00	1.2%	4801.00	1.83	0.64	2.47	6.6		Day.	ZAD	0.0	6.1
NPT	8/20/19 2:24 AM	High level 3 Phase. Salt Built up on							2:36	85.90	1.00	0.00	1949.00	335	W.40	0.00	2672,00	12%	4621.00	1.83	0.04	2.47	13h6.3		All Marie	517	0.0	8.1
NPT	6/25/19 3:00 AM	Blue Light Production ESO due to High level 3 Phase, Salt Built up on			22	28	1530		0.01	66.50	526.00	50.00	1971.00	44.00%	94.00%	672.00	2900.00	1.2%	4871.00	1.65	0.64	2.47		0.0	32	60	126	8.2
		chance restricting flow. Open well to flow on a 36/64" choice at				-	1800							-			100000				Carrie and	1 - 12 - 1			300			455
Initial Production	6/20/19/3/01 AM	1535 oxig Water Weight + 10 pag						-	059	86.52	0.00	0.00	1971.00	1000	20151	0.00	\$600.00	1.2%	4871.00	1.83	0.04	2.47	333			anis.	0.0	8.2
Initial Production	6/20/19 4:00 AM 6/20/19 5:00 AM	API = 41.30	1.22	0.50	45	4G 68	909	36	100	67.50 68.50	1080.00	168.00	2058.00	0.000	47 00%	980 00	3008.00	1.2%	4956.00 5064.00	1.00	0.00	2.54	1592,582583	01	51	0.6	25.7	8.2
Initial Production	6/20/19 6:00 AM		1,00	0.50	60	63	1005	36	1:00	69.50	1584.00	125.00	2122.00	51.16%	45.54%	1512.00	3071.00	1.3%	5103.00	1.98	0.72	2.70	965.900000	0.1	52	0.3	37.7	8.3
Initial Production Initial Production	6/20/19 7:00 AM 6/20/19 8:00 AM	Water Weight = 10 ppg	1.09	0.42	56	66	1015	36	1:00	70.50	1362.00	117.00	2180.00	48.77%	52.14%	1584 00	3137.00	1.3%	5434.00	2.07	0.74	2.76	1084,770115	01	52	0.4	33.1	8.5
Initial Production	6/20/19 9:00 AM	API = 42.03	1.22	0.50	63	65	1013	36	1:00	72.50	1512.00	128.00		40.22%	10000	1500:00	3263.00	1.4%	5962.00	2.12	6.77	2.09	1009.291006	0.1	5.5	0.3	36.0	8.0
Initial Production Initial Production	6/20/19 10:00 AM 6/20/19 11:00 AM		1.17	0.96	60	89	1030	36	100	73.50	1464.00	119.00		50.42% 49.59%	49.58% 50.41%	1416.00	3364.00	1.4%	5804.00	2.17	0.79	3.02	1062.5	0.1	5.6	9.3	34.9	8.0
Initial Production	6201912:00 PM	Water Weight = 10 ppg API = 41 76	1 20	0.10	54	58	1018	-50	100	75 50	1290.00	112.00	267400	0.002	51 70%	1302.00	3442.00	15%	5516 00	2.37	681	3.06	1003 08642	0.1	5.6	0.4	30.9	8.7.
Invited Production	6/20/19/1:00 PM	H25= 0 PPM	1.32	0.22	61	84	1000	26	100	76.50	1464.00	125.00	2535,00	48.80%	61,20%	1536.00	3506.00	1.5%	8041.00	2.12	0.62	314	1051,912568	0.1	6.0	0.6	349	0.7
Initial Production Initial Production	6/20/19/2:00 PM 6/20/19/3:00 PM		1.37	0.30	53	67	1010	36	100	77.50 78.50	1272.00	120.00	2586.00 2646.00		50.83% 50.41%	1486.00	3573.00	1.5%	0101.00 6264.00	2.56	0.00	3.21	1234.27673	0.1	81	0.4	30.5 34.0	8.0
Initial Production	6/20/19 4:00 PM	Water Weight = 10 ppg API = 41.27	1.48	0.01	55	62	1011	34	+00	79.50	1320.00	118.00	2794.00	370	53.39%	1512.00	3656.00	1.6%	8402.00	2.50	0.04	3.33	1115,900091	0.1	63	0.4	31.4	8.9
Initial Production	9/20/19 5 00 PM	Mindral	0.00	1.58	58	63	1014	36	1.00	00.50	1392.00	121.00			52.07%	1512.00	3791.00	1.0%	8523.00	2.50	0.10	3.40	1135.057471	0.1	64	0.4	30.1	8.0
Initial Production Initial Production	6/20/19 6:00 PM 6/20/19 7:00 PM		0.00	1.53	58	70 56	1008	36	1:00	82.50	1416.00	114.00	2879.00		64,26% 49,12%	1680.00 1344.00	3651.00	1.0%	6766.00	2.50	1.03	3.46	1080.508478	0.1	6.7	0.4	33.7	8.1
Initial Production	6/25/19 8:00 PM	Water Weight = 10 ppg API = 41.38	0.00	1.53	58	60	1007	36	1:00	83.50	1392.00	118.00		49,15%	50.85%	1440-00	3047,00	1.7%	8884.00	2.50	1.00	3.50	1099.137931	0.1	8.8	0.4	33.1	0.1
Initial Production Initial Production	6/20/19 9/00 PM 6/20/19 10:00 PM		0.00	1.53	57 58	58 60	1000	36 36	1:00	84.50 85.50	1368.00	115,00		49.15%	50.65%	1392.00	4065.00	1.7%	7117.00	2.50	1.18	3.85	1083.216391	0.1	7.0	0.4	32.6	9.2
Initial Production	620191100 PM	(11.01)Increased choke to 36/64th Water Weight = 10 spg	0.00	1.56	57	01	1003	36	100	86.50	1368.00	116.00	3109.00	45.31%	51.00%	1454 00	4129.00	1.7%	7235.00	2.50	128	3.76	1140.350877	0.1	12	0.4	32.6	9.3
Initial Production	6/21/19 12:00 AM	API = 41.30 H2S= 0 PPM	0.00	1.58	58	62	909	38	100	67.50	1392.00	120.00	3197.00	48.33%	51.57%	1466.00	4188.00	1.0%	7300.00	2.50	136	3.05	1136.057471	9.1	7.6	0.4	30.1	9.4
Initial Production	6/21/19 1:00 AM 6/21/19 2:00 AM	1	0.00	1.58	50	63	975 977	38	100	89.50	1416,00 1440,00	122.00	3226.00	48.36% 45.59%	51.64%	1512.00	4251.00 4312.00	1.0%	7477.00 7596.00	2.50	1.41	3.91	1115.810000	0.1	77	0.4	317	9.4
Initial Production Initial Production	0/21/18 3:00 AM	man and a second	0.00	1.56	60	67	975	38	100	90.50	1440.00	127.00	3345.00	47.24%	62,76%	1608.00	4579.00	1.0%	7725.00	2.50	154	4.04	1983.333333	0.1	7.0	0.4	343	4.5
Initial Production	6/21/19 4:00 AM	Water Weight = 10 pag API = 41.26	0.00	1.56	58	59	574	38	100	91.50	1390.00	117.00		49.57%	955000	1416.00	4436.00	1.9%	7842.00	2.50	1.01	417	1120.689655	01	8.1	0.4	30.1	9.6
Initial Production Initial Production	6/21/19 5:00 AM 6/21/19 6:00 AM		0.00	1.56	60	58	981	38	100	92.50	1440.00	117.00		52.63%		1302.00	4496.00 4550.00	1.9%	7999.00 8073.00	2.50 2.50	1.74	424	1007.222222	0.5	81	0.4	343	9.0
Initial Production Initial Production	6/21/19 7:00 AM 6/21/19 6:00 AM	Water Weight = 10 yang	0.00	1.58	59	66	905	38	100	94.50 95.50	1416.00	129.00	100000	47.52%		1932.00	4018.00 4084.00	2.0%	8199.00 8309.00	2.50 2.50	1.81	4.30	1115.019239	0.1	85	0.4	34.3	9.7
Initial Production	6/21/19 9:00 AM	API = 41.26	0.00	1.56	59	59	979	36	1:00	96.50	1415.00	118.00	3701.00	50.00%	50.00%	1415.00	4743.00	2.0%	8444.00	2.90	194	4.43	1101.004015	0.1	86	0.4	33.7	9.6
Initial Production	621/19 10:00 AM	Reduce Choke to 36/64" Target	0.00	1.58	df	63	979	38	100	97.50	1664.00	124.00		49,19%		1912.00	4805.00	20%	8666.00	2.50	2.00	4.50	1079.234973	0.5	0.0	0.4	34.9	99
Initial Production	6/21/1911:00 AM	handover rate of 100 bfph Water Weight = 10 pag	0.00	1.63	- 56		966	-	1:00	94.50	1392.00	125.00	1930	46,40%		1606.00	4873.00	2.1%	8693.00	2.50	2.07	4.50	1009.137931	0.1	8.0	0.0	33.1	0.9
Initial Production	671/19 12:00 PM	API = 41.50 H2S= 0 PPM	0.00	1.05	57	54	977	36	1.00	99.50	1366.00	111.00	3877.00	51.35%	45.00%	1296-00	4927.00	2.1%	8804.00	2.90	214	4.00	1396.140351	01	8.0	0.4	32.6	10:0
Initial Production	6/21/19 1:00 PM	Reduce Choke to 34/64" Target Handover rate of 100 b/ph	0.00	1.48	. 67	55	678	56	1.00	108.50	1368.00	112.00	3034.00	500000	40,11%	1320-00	4982.00	2.1%	8916.00	2.50	220	4.00	1091.871345	04	21	0.4	32.6	10.0
Initial Production Initial Production	6/21/19/2:00 PM 6/21/19/3:00 PM		0.00	1.51	54 49	58 53	1007	34	100	101.50	1296.60	112.00		48.21% 48.04%		1392.00	5045.00	21%	9028.00 9130.00	2.50	2.26 2.32	4.76 4.82	1165.123467	0.1	10	0.4	28.0	10.1
Initial Production	6/21/19/4-00 PM	Water Weight = 10 ppg API = 41.26	0.00	1.32	50	83	1009	34	100	100.50	1200.00	103.50		48.54%		1272.00	5146.00	2.2%	9733.00	250	237	4.17	1100	0.1	92	0.4	28.6	10.3
Initial Production	6/21/19/5/00 PM 6/21/19/6/00 PM	MIN STAR	0.00	1.20	49	55	1011	34	100	104.50	1176.00	101.00		48.04%		1272.00	5199.00 5253.00	2.2%	9935.00 9436.00	2.50 2.50	2.43	4.93	1181.072780 1214.530007	0.1	92 94	0.4	28.0 28.0	10.2
Initial Production Initial Production	621/19 7:00 PM		0.00	1.37	45	54	1009	34	100	106.50	1152.00	102.00		47.00%		1296 00	5307,00	22%	9538.00 9538.00	2.50	254	5.04	1169 230111	0.1	9.5	0.5	27.A	10.3
Initial Production	6/21/19 8:00 PM	Water Weight = 10 ppg APt = 41.27	0.00	1.35	48	53	1001	34	1:00	107.50	1152.00		4279.00			1272.00	3360.00	2.3%	9039.00	2.50	2.60	5.10	1171.875	0.1	9.0	0.5	27.4	10.4
Initial Production Initial Production	621/19 9:00 PM 621/19 10:00 PM		0.00	1.38	45	55 52	967	34	100	108.50	1152.00	103.00	4373.00	40.00% 40.04%	53.00%	1320.00	5415.00 5467.00	2.3%	9742:00 9840:00	2.50	2.00	5.16 5.22	1197.016867 1304.347826	0.1	8.0	0.5	27.4 26.3	10.4
Initial Production	6/21/19 11:00 PM	Water Weight = 10 ppg	0.00	1.38	50	50	994	34	100	110.50	1200.00	Programme and the second	4123.00	48.56%	51,46%	1272 00	5500.00	23%	9943.00	2.50	2.76	5.27	1150	0.1	100	0.6	28.6	10.5
Initial Production	6/22/19 12:00 AM	API = 41.30 H25= 0 PPM	0.00	1.34	46	50	994	34	100	111 50	1152.00	196.00	100000	48.58%	51.02%	1200.00	9670.00	2.3%	10041.00	2.60	2.85	5.13	1913 104464	0.1	10.1	0.5	27.4	10.6
Initial Production Invata Production	6/22/19 1:00 AM 6/22/19 2:00 AM		0.00	1.33	45	51 5a	1992 ser	34	100	112.50	1152.00	99-00 101-00	4519.00 4567.00	47.52%	\$1.52% \$2.40%	1224 00	5671.00 5674.00	24%	10140.00	2.50	2.89	6.39 5.44	1104.013889 1241.313464	0.4	10.3	0.5	27.4 27.4	10.8
Initial Production	672/19 3 00 AM	Water Weight = 10 ppg	0.00	133	45	55	962	54	100	114.50	1104.00	97.00	4613.00	47.42%	52,58%	1724 00	5725.00	2.4%	10338-00	2.50	3.00	5.50	1204,710145	27	10.4	0.5	26.5	10.7
Initial Production Initial Production	6/22/19 4:00 AM 6/22/19 5:00 AM	API n.41.28	0.00	1.20	45	53 58	997	34	100	115.50	1152.00	101.00	4961.00 4798.00	47.52%	52,46%	1272.00	5676.00	2.4%	10439.00	2.50	3.06	5.66	1206.697222	01	10.5	0.5	27.4	10.7
Initial Production	6/22/19 6:00 AM 6/22/19 7:00 AM		0.00	1.22	48	49	900 908	34	1:00	117.50 118.50	1952.00	97.00		49.48%	50.52%	1176.00	5885.00 5941.00	2.5%	10641.00	2.50 2.50	3.16	5.86 5.71	1059 027776	0.1	10.7	0.5	27.4	10.8
Initial Production Initial Production	6/23/19 8:00 AM		6.00	1.29	50	41	903	34	230	119.50	1200.00	91.00	4853.00	54.05%	4500%	964 00	5984.00	2.5%	10887.00	2.50	3.27	9.76	10/9	0.1	110	0.5	26.6	10.9
Flowback operations complete	6/22/19 6:30 AM	Turned well ever to Production on a 34/94" with 996 paigs on the tubing	0.00		23	20	504	54	000	120.00	552.00	43.00	4878.00	53.49%	46.51%	480.00	6004.00	2.5%	10880-00	2.50	3.27	5.76	0	0.0	110	1.0	131	11.0

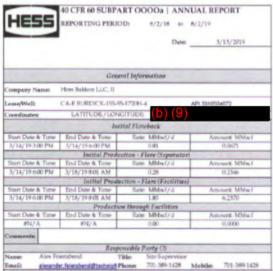


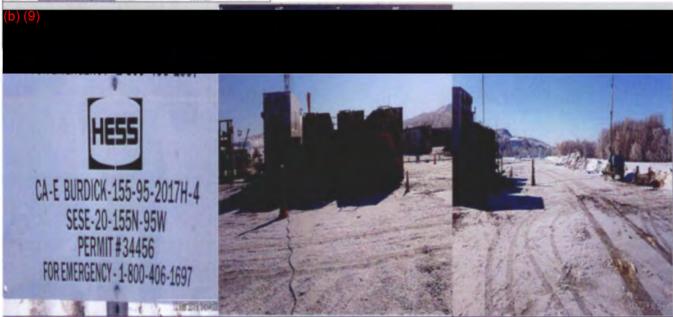


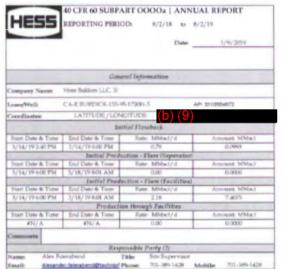






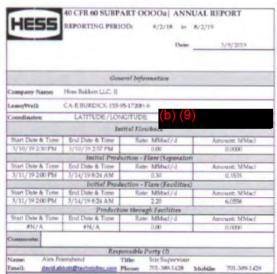




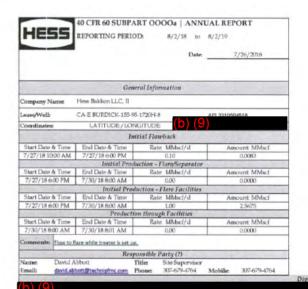














Clear date to create Flowback data for new well

Show/Hide auto-populated data

FRAC JOB SUMMARY

FRAC

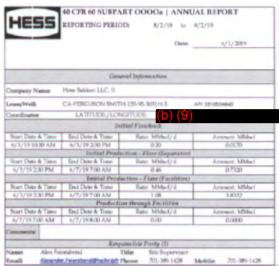
NETTE TO COMMENTS OF CELLS FOR SHEARING

Data Completed By: Freelest Cree / Host PE Squeries Freelest

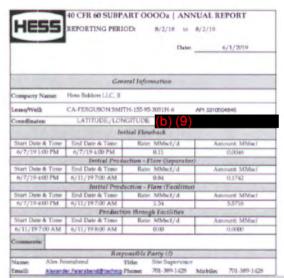
Pipedinck Adversals

	Provint Filters Share A (basis	34	Shaper					
Ent	Date	Remorks	Planel Sun Rate	Sales Gen Rate	Oli Yafarek	Water Valueta Marile	Tables Piete	Outer No.
Those	MARCOTY THE	Report about time	PERMITTE	2.00	10.00	MATERIA .	100	317.00
Standard Work	92119 12 00 PW	Begin to over to LEAS.						
Standard Work Standard Work	301/18 1:00 PM 301/18 1:15 PM	Ris or Considerand Sept Passure being of Fire Ine						
Standard Work	30 VIS 1:30 PM	Pressure test complete and surmerly.						1
		with TASS page or the story. Shape to lives the hard frontiers of treatment and						
NEW TOWNSON	MINNEY TO PE	Since CA had by hear a resident and					1900	
17 50		200						
THE FORMAL	\$2016 4 SCPS	Workleys - 27 ppg 85 - 19 kg 83 F	420	18.		10	110	10
No. of Contract of		name Name Mar was Title						
Intal Productor	301/9510PR	BTTH = 145 NOTHING STORE TO JUSTIS	0.00	9.70	18	56	1801	10
Intal Production	3/21/19 E:00 PM	9F7H = 95. November of Uses 10 201949	188	0.00	10	-	1992	36
India Production	3/21/10 7:00 798	(MFDH = 62) Increase choice to 26/64th.	1.08	0.00	-	-	1900	22
Intel Production	3/21/19 6:00 PM	SFTN = 154 Increase choke to 25/548- Water Waget = 10 Copp	128	0.00	H	100	1990	24
		APT = 42.92 @ 80 TF						
Initial Principlism	3/21/10 9:00 PM	97791 × 121. Increase choice to 26/04th	1.60	0.00	.00	56	1916	20
Initial Production	321/19 1800 PM	BFFH + 138, increase chose in 50/640:	1.58	6.00	73	65	1980	28
INTER Production	30(/18 H 00 PM	BITTER & SAN, PRIVATED STORE TO SQUARE	176	0.00	84	10	1869	100
		8676 + 561 Increase chole to 54/546-						
Initial Production	300191250AM	8FFR = 161 Stomane shoke to 3454th Water Waget = 10 0 ppg AR1 = 42.62 @ 60 TF HOS = 0.00 ppm	2.00	0.50	160	6	1732	30
		HQ0 = 0.00 ppm						
Intel Production	3/22/19 1:30 AM	Resched toront blain (6F794 × 172)	2.08	0.06	100	72	1801	36
Indias Production Indias Production	3/23/15 2:30 AM 3/23/15 3:50 AM		3.20 3.22	0.00	100	50	1897	54. 50
Initial Production	9/20/19 4 90 AM	BFPH = 165 Brough a 34-54th choke	220	0.00	100	60	iare	24
		Water Weight = 10.0 ppg AP1 = 42.92 db 60-7						
Initial Production Initial Production	5/20/19 5:00 AM 5/20/19 5:00 AM		2.97	0.00	100	66	1682	M M
Intel Production	3/23/19 7 90 AM	-	Yat	0.00	102	57	1685	M
Initial Production	3/23/HE 1 00 AW	Waster Weagne = 10 0 ppig AP1 = 43 03 49 00 "F	7.82	0.00	100	87.	1676	38
Indial Production	5/23/10 II 00 AM 5/23/10 10:00 AM		1.00	000	100	87 89	1613	34 34
Initial Production Initial Production	3/23/19 11:00 AM		244	9.00	20	54	1069	34
		Veaper Wrieght = 10.0 ppg APL= 42.46 @ 65.7F		1/10				
Indial Production	3001912:00 PM	H2S + 0.0 FFM Increase Choke to 3654* Target 170	246	0.00	96	24	1662	34
The second second		Mys.		-	-	-	-	
Initial Production Initial Production	5/53HS 1:90 PM 3/23HS 2:00 PM		2.56 2.54	0.00	NEX (E)	60	1954 -	30
Initial Production	3/22/10 1/00/94	market many	254	0.00	100	54	1600	36
India Production	303H5 £ 90 PM	Water Weight = 10 0 stop ANY = 42.32 (8 AS *F	2.54	8.00	301	78	18/8	M
Initial Production	5/2016 1:30 PM 5/2016 1:30 PM		2.54 2.56	0.00 0.00	100	60	1608 1807	30 36
milai Production	30209 F 30 PM	100	2.56	0.00	162	56	1939	30
The Section of	SIZENS SIZEPM	SFPH n ISS Water Weight = 10,0 cop	2.97	0.00	86	-	1905	ni.
Initial Production	950 180	Water Weight + 10,0 cog Ant + 41 67 dg 40 % Sand + 12%		-	-		-	
Intial Production	5/55HI 100 PM		2,56	0.00	100	-08	1545	50
Indial Production	3/2015 10:00 PM	SPRIS - 175, INCREME STORE IN 1895/811	2.95	0.00	10	280	1900	30.
Intia Production	3/22/10 17 (SE FM.	B*994 + 179	2.07	0.00	114	54	1879	**
- Commission	Name and Address of the Owner, where	Water Weight + 10 Epop	275	600	in	84	1000	-
Initial Production	3/25/19 12/06 AM	APT + 42 7年 章 62 年 Sand n 78年	2/3	4.00	- 10	-	1912	N .
intal Protestion	3/23/19 T 00 AM	105 × 50 som	376	9.00	101	54	1917	26
Initial Production	3/23/10 2:00 AM		2.76 2.75	400	100	26	1977	38
India Production	5/5/10 100 AM	97911100	279	610	108	20	1817	30.
Initial Production	3/23/10 F/80 AM	Water Wagle + 10-0 pag API + 41 25-@ 60-7 Send + 38%	2.79	916	112	67	1407	30
	The same of	Send + SENs	100	200	611	-		
india Production India Production	3/23/19 1:00 AM 3/23/19 1:00 AM		277	0.00	116	56 15	1621	26
Initial Production	DIZDYS FOO AM	Name and Address of the Owner	2.00	930	112	- 10	1919	38
rolla Production	3/73/10 0 00 AM	Water Gregor = 10.2 ppg API = 63.7 (6.60 °F	2.00	0.05	926	#	1809	30
India Production	3/29/18 2:00 AM 3/29/19 1:0:00 464		275	0.00 0.00	157	71 58	1615	35
Intial Production	5/25/19 11 GD AM		281	0.00	181	12	1918	M
Intel Protetion	3/03/19 1/2:00 PM	Water Weight = 10:0 yang AFT + 42:0 (0:0) T	380	0.00	112	80	1811	30
Initial Production	MODERN LIST PM	HQS+0210W	286	6.00	190		1900	20
India Production	NEWS ZOOPM		2.00	0.00	113	62	1998	20
India Production	SIZENTE ESCHU	Water Wooder 1 10 7 miles	245	0.00	107	H	1400	*
Index Production	323/13 #3674# Septemble 646.004	Water Wager ↑ 10.0 ppg API + 40.0 -00 10 17	2.80	600	103	87	1495	26
Indial Production Indial Production	9/25/15 1:50 PM 9/25/15 1:50 PM		2.80	0.00	112	0	1480	30.
retur Productors	SYSTON TOO PM	2001 - 162	2.02	0.00	108	20	1487	30
Initial Production	97910 1 10 PU	Water Weight + 10.0 peg	240	4.00	102	-	1464	- 11
		Water Weight = 10.0 pog art = an an gr 40.74 Sand = 189k						
Initial Production Initial Production	3/28/19 (1:00 PM) 3/23/19 (0:00 PM)		2.00 2.00	0.00	100	64	145"	31
Initial Production	30319 11:05 PM		281	0.00	100	99	1673	20
		BTH++ 180 Water Weight + 10-0 pag						
Intel Protuction	30419 10 (6 AM	Water Weight = 10-0 ppg APV = 41.56 (\$ 5) *F	2.60	0.00	108	86	1435	.50
	100000	0and < 07% H29 < 0.0 sales						
Inder Production Index Production	32419 100 AM		277	0.00	101	20	1400	38
mital Production	30415 300 AV	ACTION OF	3.76	0.00	106	45	1407	W
India Probuston	39919 400 AM	BF7H1= 175 West Waght = 10.0 ppg	279	410	106		1407	26
PARTONIANO		Wester Walght = 10.0 pool APT = 41 79 @ 50.79 Send = 50%					1	-
Hital Production	30419 500 AM		2.75 2.74	0.00	106	10	1401	38
initial Production initial Production	WA 801 BYADE		274	0.00	109	- M	1452 1450	39
tritial Production	30415 400 AM	Water Worght = 10.0 pag API + 43.4 (5.90 °F	272	0.80	105	57	1647.	38
Initial Production	37610 900 AM		2.79	0.00	301	65	1040	30
Initial Production Initial Production	SIGNAS FORD AM SIGNAS FT 30 AM		273	0 m. 6 io	101	56 57	140F 140E	30
with Production	3/04/19 12/00 PM	Water Weight = 10-0 pog SPL1 43-0 (B 60 TF	277	0.00	106	25	1400	M
		105 + 0.0 com						
tribel Production Initial Production	30419 100 PM 33419 200 PM		277 279	0.00	102	100	1438	38
Initial Production	SIDATIS 100 PM		271	6.00	192		1409	38

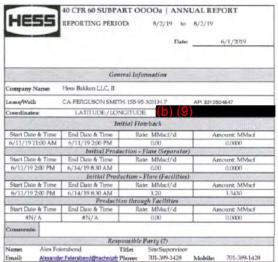
InterProdution	304/5-4/6/FW	Art 43-52-6 ID T	172	600	101	- 0	1405	
Initial Production Initial Production	30495 (0 PV 3049 510 PV		272	10.00 4.00.	100	**	168	M
Isla Postation	30419 750 PM	B/PH = 150	3/0	600	100	-	1410	20
Intel Protection	3049 E10 FW	Water Washin v 500 paid	270	100	100	104	1410	56
	10491074	APT - 42 M G H2 Y SHALL - 1855						
Indial Production Indial Production	30K W 10:00 PM		271	600	101	B	1410	20
Intia Poductor	30N/161130 PM	Milworld)	200	100	121	15	1433	36
Initial Production	305/9 (230 MM	Weller Would = 10.0 aug API = 41.79 @ 60.75	286	400	- 14	96	140	- 10
		Sept = 10% 100 + 8 from					-	-
Indial Production	325/5150 AM	SEPTEM 205, SAME Y 20%	289	6.00	10	41	1401	- 18
Initial Production tokal Production	325/5/250 AV 325/5/360 AV	Common choice to Station	249	0.00		84	1401	28
		9F791 + 194		430		-	1401	*
Intial Production	32670 4 60 AM	Mater Weight = 10,0 yang API = 41.70 @ 60.47 Sent = 50%	280	630	W.	.00	(40)	*
Initial Production	\$25/0 \$10 Asi		241	4.00		40	181	
Initial Production	325/9-010-AM	Forman civile to 18648	216	530	194	21	1967	20
Intel Production	305/15 7 HD AM	Street Washing Com.	207	0.00	103	M	1365	28
Initial Production Instal Production	325/0 6/0 AV 325/0 9/0 AV	Natur Wagit + 12 ppg API + 41.83 dt 10 7	247	6.90	54 86	50	6364 1364	*
Initial Production	309191030 AM		247	6.00 6.00	96	43	1349	20 20
Initial Production	3/9919 12:50 AM	Water Weight - 10 cop	2.70	630	-	40	140	
Intia Produtten	30919 1230 PM	API = 42.64 (2.10° T) H281 + 0.1 PPR	2,65	630	108	- 61	6275	*
Instal Production Instal Production	30519 1 60 PW 30516 3 60 PW		245 244	5.00 5.00	95 159	65 53	1971	2
Intial Production	325/9 3 (0 PV		286	1.00	. 94	81	1960	38
Intol Production	30519 4 (IPPW	Notes Weight = 15 day APT = 43 12 (8 00 Y	264	0.00		- 10	1996	38
Initia Production Initia Production	\$25/16 5 (0 PM \$25/16 6 (0 PM		2 MA 2 MA	9 (00) 0 (00)	M	- M - M	1956	M M
Initial Production	305/14 7:00 PM	45.5	2.00	100	94	M	1980	10
Intal Production	32619 810 PW	8F794 = 137 Vester Waget = 10.0 ppg A/T = 41.70 @ 10 %	260	0.00	1000		1301	*
		APT # 41.70 @ 60 % Sent # .01%						
Initial Production Initial Production	90519 936 PM 30519 16:00 PM		260	0.00	101	ti m	1957	30
Intial Production	30919 (1:00 PM	BFFH = 144. Spoil > 21% Increase chibe to 40%4h	286	0.00	95	86	1367	18
		GFPH = 163						
Initial Production	5/99/19 12:50 AM	Weather Strength + 100 spig AP1 + 42.01 dg no **	2.59	0.00	100	82	1907	40
		AP1 = 42.01 @ 10 *** Gents = 01% H255 = 0.0 en/s						
India Production India Production	906/19 1 HS AM 906/19 2:00 AM		277	0.00	101	54	1501 1200	- 0
Intia Production	329/10 1/40 AM	-	277	9.00	107	35	1296	10
Initial Production	100/9 4 60 AM	Water Weight - 10.0 cmg	276	6.00	100	- 14	1263	40
		API = 42 19 @ 10-17 Sant = 01%						
India Prodution	300/16/00 AM 800/16/00 AM		2,76	0.00	109	85 55	1367	40
Initial Production	929/197 (D AM	manufacture of the	376	6.00	100		1367	40.
Initial Production	309/16 8 00 AM	Water Weight = 10 pag AP1 = 43.00 db fill IF	2.07	0.00	102	- 55	1287	-80
Initial Production Initial Production	30919-9-00 AM 30919-10:00 AM		276	0.00	101 126	61	1279	#C #6
Initial Production	309191100 AM	Water Manager III and	2.70	6.00	. 100	50	1206	.00
Intial Production	509191250 PM	Water Weight = 15 ting APS = 43 in (g) 89 '91	2.76	600	103	- 10	1356	40
India Production	220/91/07/9	HOS N 0.00 (1889)	2/6	600	1539	81	1216	10
Intia Production Initial Production	300/0 2/02 PM 320/12 2/02 PM		276 275	6.00	100	60 98	1270 1384	40
Initial Production	329/5 430 PM	Water Weignt = 10 pag API = 43 12 ds 60 F	276	0.00	126	80	1263	40
Intel Production	33616 5.00 PM		2,75	0.00	102	64	1263	40
Initial Production Initial Production	339/19-030 PM 329/3-730 PM		275	6.00 6.00	100	6	1251	40
AND DESCRIPTION OF THE PARTY OF	3/20/19 E 10 PM	BFPH = 108 Water Weight = 100 page	274	800	400	-	1000	
Initial Production	32817539176	Water Wrought = 100 page spri = at To-gt no to Sprid = 01%	214	0.00	100		1256	
Initial Production Initial Production	30519 9:30 PM 30519 10:00 PM		276	000	97	SC SS	1062	40
Intel Protection	309/9 11 00 PM		2.75	600	100		1255	10
		(NTFE = 156 Vision straight > 160 (ppg)						
India Production	327/10 12 50: AM	APT = 42 28 Q R6 TF Sant = 27%	272	0.00	100	SM.	1262	AG
Intal Protuction	\$1071% 1 (0) AM	105 = 0.0 son	277	0.50	107	- 10	1261	
Intel Production	927/16 2 30 AM		272	0.00	104	38	tias -	40
Initial Production	32779 ESEAM	3679H1 V 153	170	0.06	-	-	1369	-
Initial Production	307/9 a 00 AM	Water Weight = 10.0 pag Aft = 42 A5 @ 40 "F" Same = 31%	2.70	0.00	- 60	97	1221	10
Irina Production	907/6 5.00 AM	Asset = 100.	270	800	-	- 12	1230	10
Initial Production Initial Production	SOTTO BOOM		3.71 2.66	000	100	- F	1226	40
Inta Pagunan	927/16 8:00 AM	Water Weight + 17 ppg	298	900	100	20	1226	10
Intel Production	30715 0100 AM	NT-以前自10千	219	0.00		80	1231	-
Initial Production Initial Production	30379 1309 AM 30379 11 98 AM		276	950	100 M	- 10	1230	40
Vita Position	A25119 1250 PM	Water Weight = 10 pag 601 = 60.37 (0.40 Y)	286	060		-	1216	
Initial Proclamor	20719 1.20 PM	100 + 0.0 som	288	060		er .		
India: Production	32719 237 PM		267	980	30	65	1216	10
Initial Production Initial Production	30719 3 05 PM	Manar Minight - 10 year	167 188	0.00	8	80	1213	10
Intel Property	SOTTO SIGN PM	NAT AT 30 GB 40 A	277	100			1212	10
Intial Production	30019 R (6 PM		2.67	909	90	50	1309	10
Initial Production	\$201 k 7 00 PM	BETH + 161	286	000	-01		1391	10
Into Probated	32719 8/35 PM	Water Water = 100 pag APT = 41.70 @ 60 FF	238	909	M	52	con	0
trass Production	32013 9 (E PM	tures ors	196	100	-	do .	1301	40
Intell Production	AUDITO FOOD PM SUDITO IT OD PM		240	000	H	6x	1362	40 .
Initial Production	22/4/19/20	0FFH1 159	179	200	-		1302	10
Initial Production	ACRES (200 AM	AT - 8139 @ 65 T	200	600	101	- 4	1301	10
		Water Weight = 10.0 ppg APT = 81.30 @ 60.17 Sand = 3PN 1001 + 0.0 open						100
Initial Population Initial Population	30919 100 AM 30919 200 AM	1 2 2 3 1 1 1 1 1	265 264	0.00	65 65	51	1198	10
Initial Production	3081-0 3-05 AM	particular	264	000	.94.	64	1108	40
Intel Production	300°0400,486	97744 = 152 Your Weight = 100 p/g APL = 41.51 @ 40 T	240	0.00	101	81	1198	-
		API + 4131 Q 40 TF Sund = 57%				100		
Initial Production Initial Production	309/95/00 AM 309/66/00 AM		245	150	**	51	1197	40
Initial Production	309/9 7 00 AM	Water State of 1 Street	281	0.00	10	58	1184	40
Initial Production Initial Production	300°9 8:30 AM 300°9 9:30 AM	API - 42.56 (8.40 T	20	0.00	- 10	20	1188	60
Initial Production	300 0 0 0 0 AM		261	0.00	9	- 14	1184	60
Protection Provided operators complete	309/19 11:00 AM 309/19 12:00 PM	Turk and over to production on a SMSF	210	0.00	10	9	1175	45





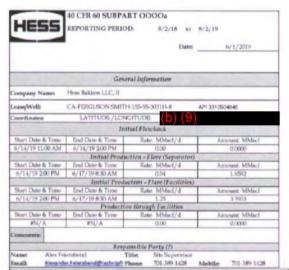




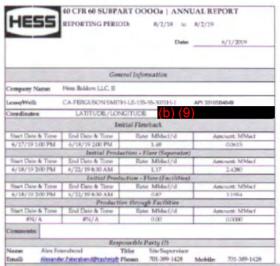


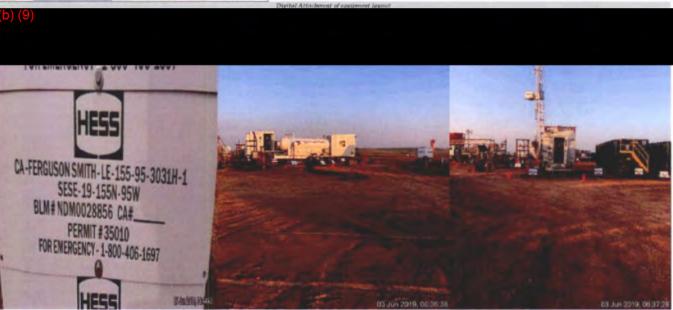
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BLM Lease #NDM0028856
CA#NDM096621
PERMIT #35508
FOR EMERGENCY, 1-800-406-1697

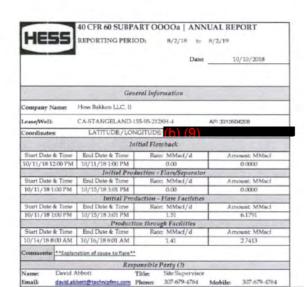
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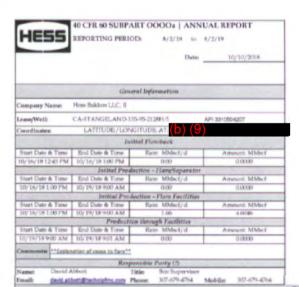






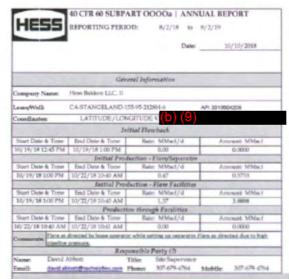




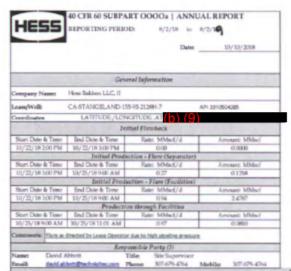


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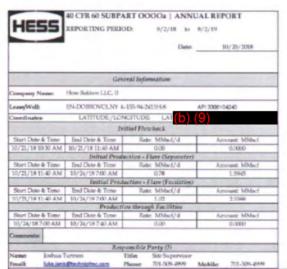




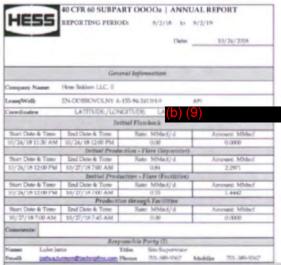






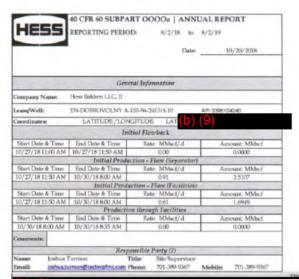


EN-DOBROVOLNY A - 155-94-2413H-8
SESW-24-155N-94W
PERMIT #34977
FOR EMERGENCY 1-800-406-1697

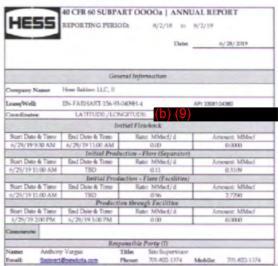


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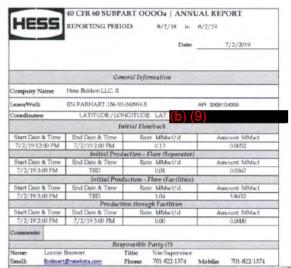


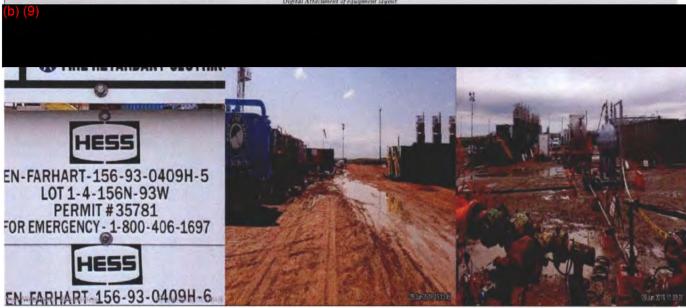












			Dates	_	7/6/2019	
	Ge	meral Infor	mation		815	
Company Name	Hoss Baldson LLC, II					
Lease/Wells	EN-FARHART-156-9	0-040914-6		API 3308104358		
Coordinates	LATITUDE/LC	NGITUDE	(b) (9)			
	1	mitiai Flori	strack			
Start Date & Time	End Date & Time	Rate	MMsci/d	An	nount: MMscf	
7/6/19.3:00 PM	7/6/19 4:00 PM		0.00		0.0000	
	Initial Pro-	duction - F	lare (Separator)			
Start Date & Time	End Date & Time	Rate	: MMscf/d	An	nount: MMncf	
7/6/19 4:00 PM	TBD		0.35		1.0054	
	Initial Pro	duction . F	lare (Facilities)			
Start Date & Time	Find Date & Time	Rate	: MMs:f/d	An	neunit: MMscf	
7/6/19:4:00 PM TBD			0.84	2.3887		
	Produc	tion throug	k Facilities			
Start Date & Time	End Date & Time	Rate	: MMsci/d	An	nount: MMscf	
#N/A	#N/A		0.00		0.0000	
Comments						
	Re	sponsible P	arty (7)			
- American	Boiscort t@newkota.com	Title Phones	Site Supervisor 701-822-1374	Mobile	701-822-137-	

(b) (9)



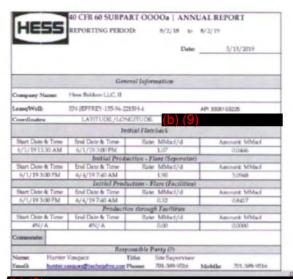
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ENSTREAM 155 S4 725% 4

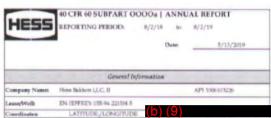
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ENVIRONMENT 1565

FROM 15 2055 156

REPLEMENT 1560 155

FROM 15 2055 156

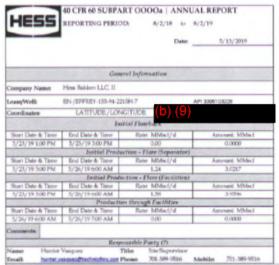


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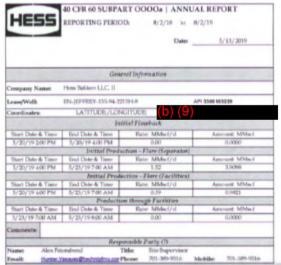
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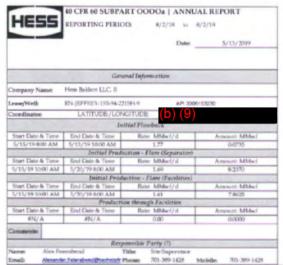




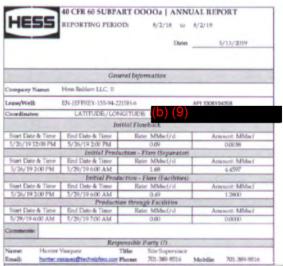




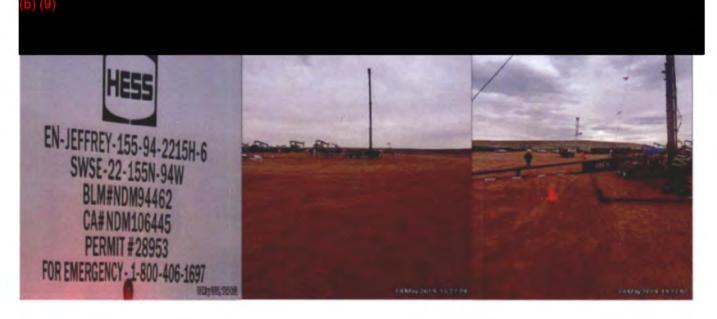


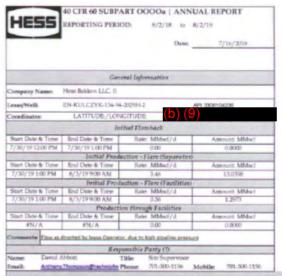




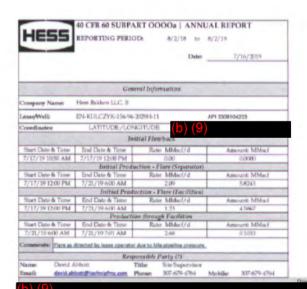


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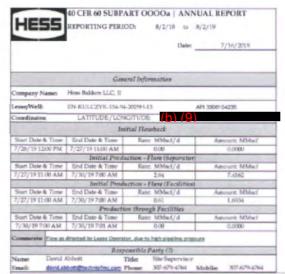








EN-KULCZYK-154-94-2029H-12
NWNE-20-154N-94W
BLM#NDM098773
CA#NDM105024
PERMIT #34939
FOR EMERGENCY-1-800-406-1697



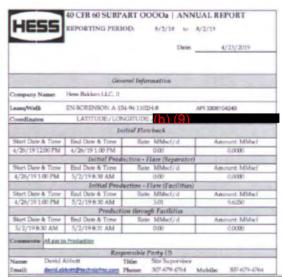
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EN-KULCZYK-154-94-2029H-13 NWNE-20-154N-94W BLM#NDM098773 CA#NDM105024 PERMIT #34940 FOR EMERGENCY-1-800-406-1697



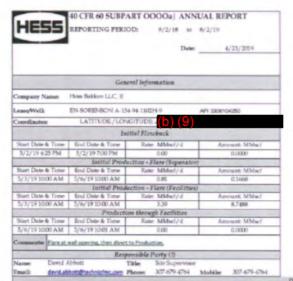
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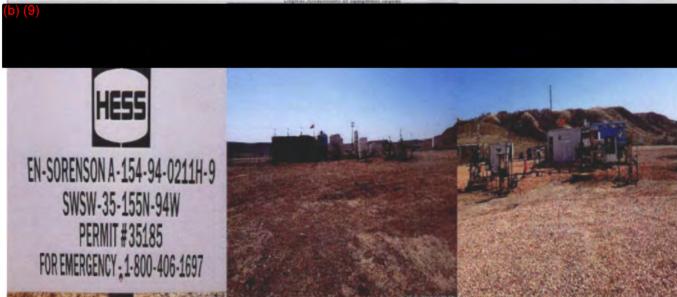


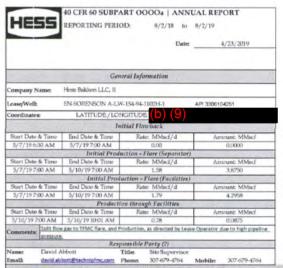


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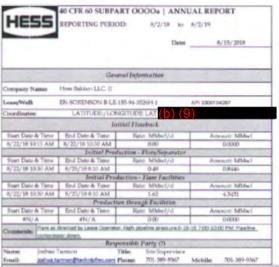






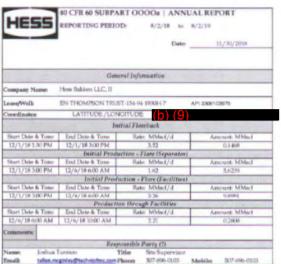


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SWSW-35-155N-94W
CA#
PERMIT # 35186
FOR EMERGENCY · 1-800-406-1697

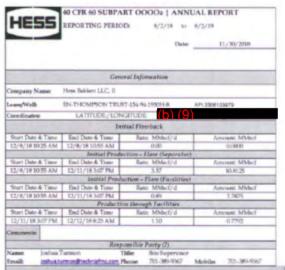




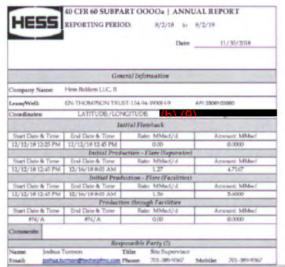


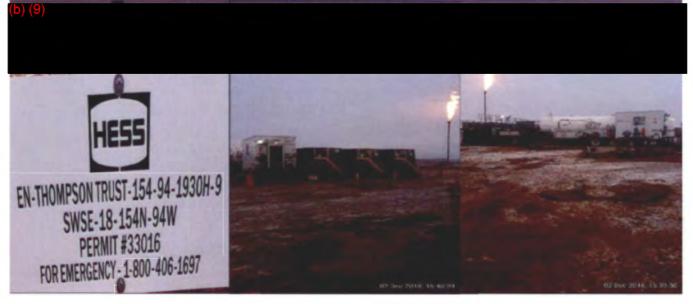






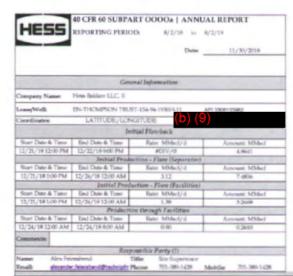




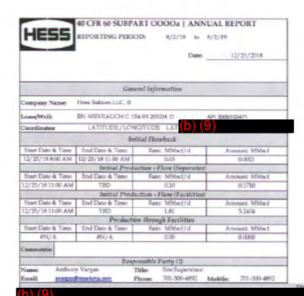




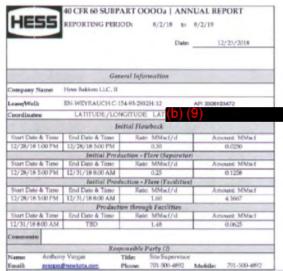






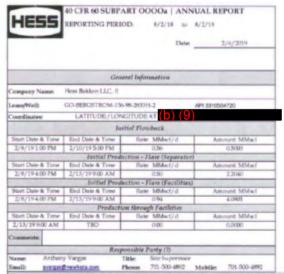






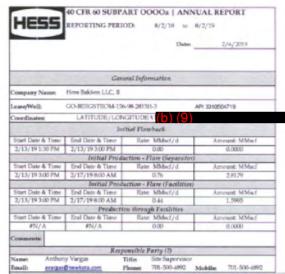








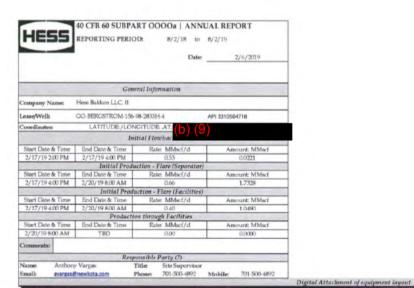




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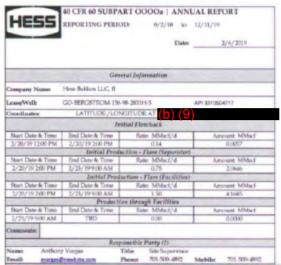




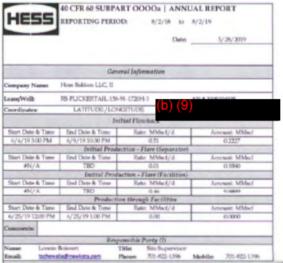


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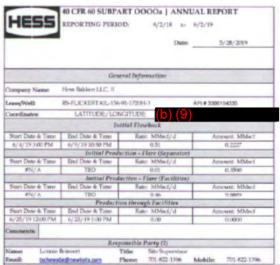




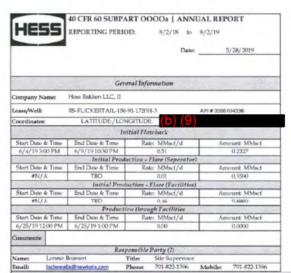
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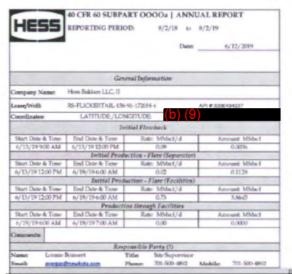






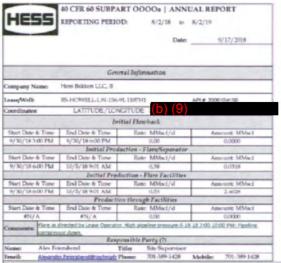




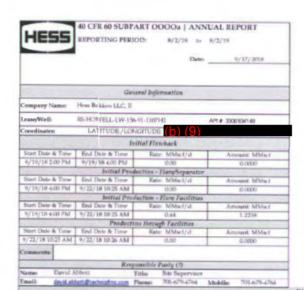




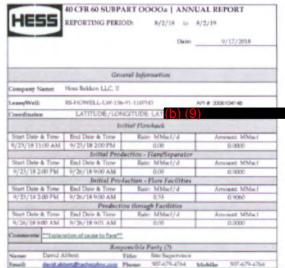






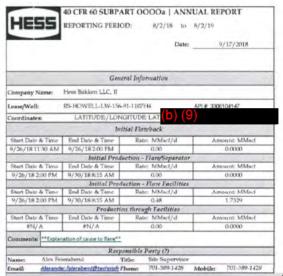










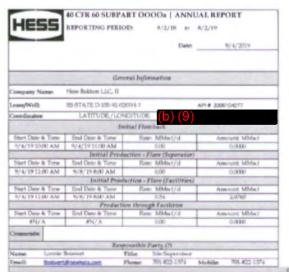


RS-HOWELL-LW-156-91-1107H-4 SWSE-2-156N-91W PERMIT #34217 FOR EMERGENCY 1-800-406-1697

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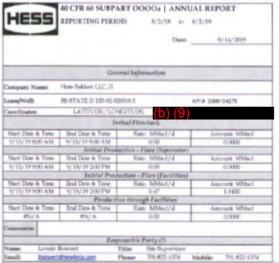


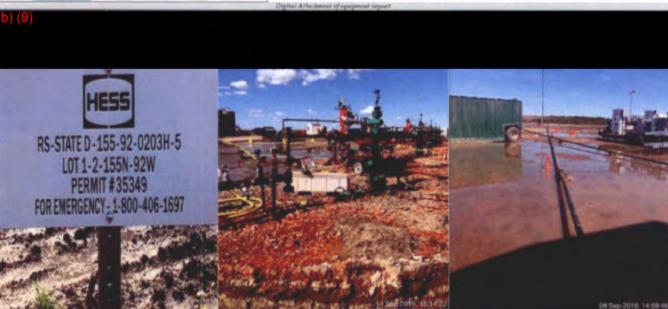




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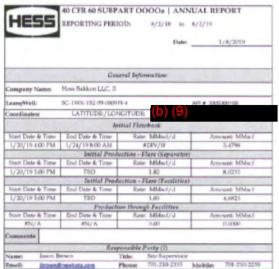


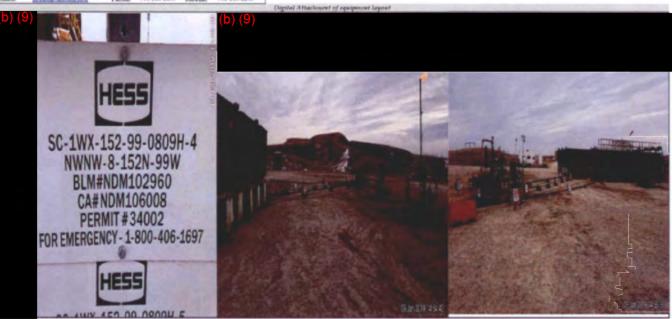


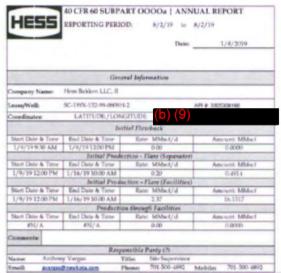


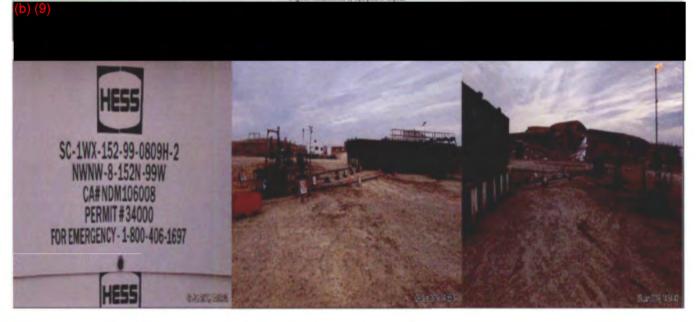


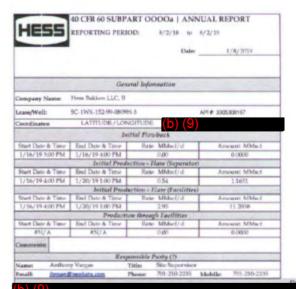




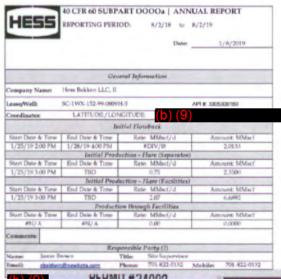




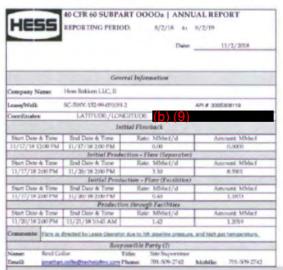












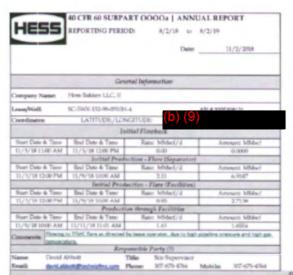




FRAC 308	SUMMARY	
fact the con-	Particular France	
TOTAL DISE FOR PURSUE	29.90	eg
NAME OF STREET	11.183.100	_
Annual of States	46	Time (
Cristian & Stock	45	Tan San

	Chicken Street	45	Singer					
Paint	man Arthur	Remarks	Francis (Integ Street)	Street Law Safe,	Salation .	The same of	Tuesday Property	Distant 1
71214	A STATE OF THE PARTY OF THE PAR	Record shed the	OF ST. STORAGES	1700	-	_	PACK.	27.00
Streeter Vock	T1011/58 11:00 AMP	Basis on par provide			-	-	-	_
Standard Work	15/15/78 12:00:79#	anning the same					1	
Standard Work	11/11/05 1 00 /74							
Annual Color	100000000000000000000000000000000000000	(200) Function lead ETG Ground level						
Stendard Ware.	1915/05/200 PM	(C15) Pleasure test flow that to 4,500						
Contract Areas	Lunazara	per Great little Pressure lest Production						
_		line to 400 ear. Good test				_		_
mar Period	TOTAL SECTION.	DATE OF THE PARTY	0.00	4.00			200	24
		SERVICE STREET					The same of	_
		(5 th) fine at softerer from to 46.						
		1090. (J. 10) Of to Propulsion on a						
TYDIS PROSESSOR	TOTAL BOOK AND	1864' chida (8.1.100 yel (16.50) (actions shots to 3064'	5.28	26	14	.97	(2040	28
		Otone Hought - 101 ppg						
		COLADY 4 AR SI AN ADVA						
Intol Production	101101-100PM		1.26	5/8	26	118	2600	92
THIS Production	FOTONE A HEIPM	PROSE TRANSPORTED SERVICE	1.20	289	198	131	2790	9.3
10M Poolston	195508730FM	Strate Weight + 15 Gross	8.82	2.63	128	139	2939	39
Intel Podution	TUTOR SOUTH	00 AN - 45 St 4677	254	2.0	160	tox	3934	30
	1	Convenient choice to a State Course.	940	2.00	-		1000	_
sessi Fredation	TOTAL DISCOME		224	2.48	TANK	101	.2765	102
bills fredation	FRITTING NO COLUMN	(1950) Well present you'vel discourage	236	2.00	110	- 10	1754	33
		NED-THEODy.			-			-
THE PERSON NAMED IN	TAXABLE IN	AVAILABLE TO BE A SECOND						-
		Comme						
THE PERSON NAMED IN	TOTAL STREET	TO REAL PROPERTY AND ADDRESS.	100	44	100		200 111	-
THE PERSONS	The second second second	and trade and in	100		100000	-		
Mad Studio	SALES STORES	the 15th properties	1400	800		-	4	
100	Amerika samera	The in question belong obstruction or						
691	1011/611/07/76	SAFA SECTION					- 01	
GHT.	110,018 1230 460						- 10	
SPT	TUTORAN						34	
MPT.	THE BOTH AND BOTH						100	
101	FORESE NOT HE						AN .	
MPT .	11/2/2004 4/30 668						400	
MET							- 100	
100	TOTAL REPORT AND	(E.S.) Comment is then to come to						
	TANGER COLUM	han done see a see as						
MPT	11/12/19 \$100 618						1	
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INT	THE PROPERTY OF THE PROPERTY O	(White) that their Berkers are benefitied, being a common of the common	276 286 286 280 280 306 816 307 307 826 285 285 286 286 286 286	630 644 645 625 636 636 636 636 637 636 646 636 646 646 646 646 646 646 646	500 (500 150 150 150 150 150 150 150 150 150	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	## Manual Control of C
with with a series of the seri	THE PROPERTY OF THE PROPERTY O	(White) that their Berkers are benefitied, being a common of the common	276 286 280 280 280 350 87 307 307 307 307 307 200 200 200 200 200 200 200 200 200 2	630 640 640 640 640 640 640 640 640 640 64	股	10 00 00 00 00 00 00 00 00 00 00 00 00 0	2 mans 2	## Manual Control of C
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HERPINSON	TVIDW.2007M	The second second	276	0.00	79	17	3407	20
MACPARATE	11/15/03 4:00 PM	Water Weight = 1.5 pag CRASH : ed. or no No Y	241	0.56	78	All	3541	20
Intel Probetto	11/0/95 0 00 794		234	0.00	88 74	9.6 9.6	NOTE:	32
India Production India Production	10/5/85 6:00 PW 10/00/6 7:00 PW	A CONTRACTOR OF THE PARTY OF TH	249	0.29 0.18	78.	- 27	N29 908	70
Intia Protector	1575/81800796	Water Wager + 6 Wasquille and 13 de 60°F	210	621	72	88	3621	m
Indial Prophetics.	11/10/00 0.00 PM	2012/10/04	250	625	.79	4.	2011	22
Initial Production	TENTE SOCIETIES		250 267	0.20	Pi N	11	2015. 2020	22
Intial Production	101000110010	-	200	5.44	100		-	
184 Photographic	THYMNE COLD AN	Other visign = 1 0 pag (0.47h = 41.72 db 40°F ecqs-classe (0.52 5hc) = 45c to	760	120	10.	-	WHI.	10
Harrison	and the same	regionispes (SEAS) Study in mark to leasting ground peek on Spekhare (CSS)		-	100		-	
-	and the second second	COLUMN TO SERVICE STATE STATE OF				_	_	_
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MET	1016161251 AG	Salarine Prop Set of St.					8755	
MPT	ATTEMPT OF THE SAME	MFF on STREE Associated disk co.			- 19	wit .	100	
tory	FROM SIGNAM	RPT or TPMC flueback doe for					0011	
1077	PRODUCT SING NO.	MPT on SPACE Street in the str					4000	
HPT	THE REAL PROPERTY.	MPT on TPSC Supplied the St					1004	
		Self-to-cross-self-to-PRI						
MPT	TUTALIS SIGNAS	complica stress rath of PSO					***	
1077	HARRED AR.	Separation and the control of the con-					and .	
447	TOTAL PER AND	MPT or TPRC freeback fire to						
Initial Freduction	FIGURE ESS AND	(F.30) Open and to have on a 2006" chair to be 100000 with as NP at a 000-cours. Of to-fallow					438	301
		4.08 min Ot to false						
Villal Protection	HIPTAINS BIOD AND	Vitalian Wasging or U.S. polity Child Alpha, and John Rey Story	4.04	105	01	1	1000	22
Indial Production	FRITHING DICE AND MAN COURT STRENGT		200 230	0.76		10	130	22
initial Probation	\$164 000 to 000 AND		235	0.19	71	93	809	20
Indian Productions	11/04/10 12:00 PM	CO AFY + 44.55 gs GDYF 1005 = 0 same	256	pie	73	81	990	22
		1015 × 0 xem						
INDEX PRODUCTION	11/TWTS TOOPMS		256	B 19-	73	16	369 567	77 39
INEM PRODUCTION	TITRETE D. DO FIN		244	218	77	200	502	20
Intel Production	TUTOTE ATEMY	Cli Ani + exist at All V	238	0.33	79-	10	302	27
India Production India Production	10141810074		239 248	0.2A. 0.16	77	58 81	3634	8
INDEX PRODUCTION	TENERA TOTAL		245	0.20	75	At-	SAME	723
Initia Production.	renanador/M	Water Weight = 8-3 cog Cir. Asia 1: 45-45 db 407 T	544	622	.00	ar.	1940	12
INTER PRODUCTION	TOTAL BUILDING		145	9,30	32	99.	3421	- 12
InterProduction	11/14/10 10 00 PM 11/14/10 11 00 PM		247 194	0.20 0.17	74	10	346	70 30
		Write Wright = 1:5 (seg OHAPS = 45.38 (B NET)						
felia Fredutien	11/19/15 12:00 AN	OHANT - ISSUE @ RETY	247	0.21	-	98	BAAT	-29
India Probation	15/15/10 1:00-784 (Arrana 2:0):444		201.	0.67 0.12	77	at m	5145 3147	22
Initial Production	11/15/18 2:00 AM	STATE VALUE AND A DESCRIPTION OF THE PARTY.	236	9.00	14	46	3149	22
Initial Production	11/15/18 A 00:789	OPERATORNIST = 9.5 years CH Act = 45.52 db 85°7	270	0.29	66	800	1985	34
India Production	THE BUILDING	Contract Contract	280	0.26	- 01	10	3907	24
Intel Production Initial Production	NUMBER OF AN		286	0.05	93	.01 42	3365 1364	34
India Production	11/15/18 (0.70)	CHANCE AND SERVE	200	0.25	45	44	166	34
Initial Production	197516 8 00 / 64	CHARLE M. TO MITT	286	6.02	95	101	306	70
mital Productors	YS/TIGHE YE SP. AM.		1.00	0.10	83	56 54	\$170 TMD	36
India Production	110000000000000000000000000000000000000	WHITE WARRY BRIDE						
Initial Production	15/10/10 12:00 796	CONTRACTOR OF BUT THE	280	0,51	-94	.68	3911	24
tyba Producties	DATES YOUR A		2 600	8.25	-84	- 14	3004	24
Protection brough Facilities	THISTERRES	(2.03) Statutspring week in production	3.09	9.25	- 65	- 16	2506	26
Protuden Frouth Facilities	131515.500.PM	-	1100	8.15	138	100	11015	74
Production through Facilities.	THISTINGON	CO Au + 43.70 (8 AUT	122	9.56	10	54	5981	24
Production triguest Facilities	THE PERSON NAMED IN COLUMN		190	935	85	55 AV	200	2
Projection though Facilities	13031970096	No. of Contract of	121	937	80	- NO	1932 1922	26
Production through Facilities	797575 R (S) FM	Other toleges in the page Of Aut v. 44100 at 6670	197	9:28	105	82	1000	34
THE SHE'S	SALES AND	Description of the last						
MPT	FRIEND R.TT PM	Francis Stockets						
Pretation though Facilities	1919/84/88	Openia Size to HO COSO on a School shows at 5 Kills on					164	- 24
Production through Facilities Production through Facilities	THINK BY DEFEN		.104 .170	9.62	19	NA NY	1000	1
Frebutten though Faction	11/19/8 (1.0) (9)	The same of the sa	248	9.66	74		391	24
Production fromigh Finallies	1000 H 12 (0.1M	Unide Washin in 8 tings Chinas - Au 67 de dit V 1405 / In team	200	6.10	41	14	TAT	- 24
	2475N/8 1 00 AM	ACE F Drawn		979.				
Propulsion from the Blos. Production from the Blos.	TATALTE 2 GO AM		2.40	104	79	34	2041	24
Production through Facilities Production from Facilities	MA 30 S BYBRPP	Marian Marian	241	9.72	40	64	1367	34.
Produtters though Facilities	111519 A 20 AM	Water Waspin * 9.9 ppg CHAIR V ALT TO BOT F	219	995	79	20	3382	24
Protation trough Facilities	TENEDO DO AM		119	102	79	2	7166 7168	28
Production through Facilities. Production through Facilities.	5 \$11 61 6 7 (PLAN	The state of the s	210	1.04	92	-	294	34 34
Freduction through Facilities	PRINTER DO AM	Moder Weight = 100 opes CD Api = 64 70 db d019	011	105	19	.60	9147	26
Properties freside Facilities	11/19/18/9 00 AM		2.99	110	85	U U	2188	28
Production through Fieldline Production through Fieldline	10/10/10 10:00 AM 50A-00:71 00/00/07		100	974 974	81	- 61	3185 3183	H H
	11/4/10 (20014)	Manual Adequate 1 6 to 1995 COL Associated and density Manual course well to street across across	298	166	19	-	SUM	28
Production Princip Facilities								
Production through Facilities Production Visingh Facilities	190919 1 (0 FW	Hand-outr well to tress profumor.	206	0.10	- 81	37	2015	- 24







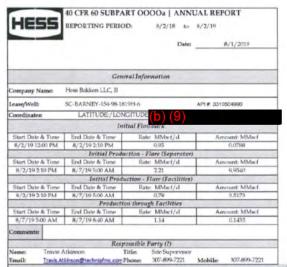
Agreed for Commercial Conception from the Conception

Data Completed By: Plantack Crev / Hoss FB Separat

FRAC JOB	SUMMARY	
S RA Committee Access	224.269	٥.
	7,076,000	U
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	Should from	1	Oncore									
Event		Monarcas.	Fire/Drefus	Rates Can Water	G-19 Lines	SUMP TOTAL	Total Pome	Challe Street	Descriptor	Link feet	Silling.	British
	MISSON THE		COLUMN CO.	100 / 10	100	100	_	SUPPRI.	565	_	\$40)	Sarpys-Sa-
Standard Mines	A1100 S 45 MR	1/MC Cime fema or legitor	-		_		_	_	2.9	416	100	6000
Standard Mode	SY/FORDERN	SPMC Compare JSA and conduct Pro- site carbo, mosters	3						3:10	425	500	6.000
Standard Work	81759.816 AM	TPMC Equipment Across or location							2.0	541	4.00	0.0000
Standard Week	81/10 Y 20 100	YEAR: Sporting equipment and othering region (purelyee							- 425	235	006	9,3656
nore .	\$110 1 US FEE	Salary Stand down due to Lightness							818	820	000	6.3600
seri	ace years	Statuty Stated Storm Sea to Lightweig							180	818	200	0.000
SET	arranem.	Salary Stand down day to Lightney							116	525	936	6.0000
									10000			
MPE	E1004-1579E	Balany Staced down doe to Lophisting							391	10.43	2.00	0.0000
Sheritant Work	BUTTO & TO PRO	Lagrangines recred to a sale deterce. FMC area able to continue Waging							1.10	1040	0.00	6.0000
		THIC cross curtising Rigging										6.000
Standard Work	STATE OF DELLAR	GARRIER .							100	1538	100	
Danial Work	MILES COLUM	TFAC over continuing fraging							100	1520	900	0.0000
Standard Willia	51179 B 00 PM	1990 one contains figure							105	1630	-200	6 0000
Standard Work	\$15/19 (KIN) PM	TFMC even continuing fraging	107						100	INTE.	200	0.000
Standard Work	B018 1018 PW	TPMC core continuing Higging							100	1925	0.05	6 0000
Shandard Work	BATE TIOS PW	TFMC crow continuing Rigging							100	17.16	800	0.0000
		THMC one contrary higging										0.000
Dismised Work	ARTS 1218 AM	constitut.							100	94,59	0.00	
Shandard William	50/9 100 AM	TRIC con contrary figure							190	1925	100	9.0000
Disendant Winds.	90119 2:00 AW	1990 one contrary figgry							700	20.85	600	0.0000
Ettandard (Allow)	4279 3 DE AM	1790 max continuing Righting							100	term.	206	6.0000
Discretario Wilson	3079 408 AB	TEND CON CHINARY RAPID							200	2734	600	2 3000
		TPMC cross conditioning Ringsing										0.0000
Stansland Work	MATERIOR AND	- Andrews - Andr							230	38.15	500	1 300
601	8077 SHAR	South to Begins High Prosecre last							716	20.00	100	6 0000
	100000	on 2" 1919 (Jose										
691	amma rivera AM	(15:15) Baying Loss Francis and							646	26 (0	240	8.000
-		(TEST) Property for appropriate							100	-	-	
American .	ACTUAL DE SAN	Character for our Office Consults					100	796-1	100-	30.25	160	8.5000
The state of the	-	MANAGEMENT OF THE								100		
Marie Property	SCHOOL SERVICE		18	207		- 12	2500	- 2	100	3120	DOS	636E
Taltal Production	8018.2 to 164	Office spins of 2 10 cms		-	_			_	0.00	N125	200	0.3990
Index Personation	8075 300 PM 8075 405 PM		011	107	9	47	2006	2	1.01	8125	806	6.000 m
Intial Probation Intial Probation	95/10 S 00 FM4	OR SECTION COME IN JUST 1	819	1.01		92°	206	93 34	106	3626	200	600'8
Initial Production	NOTHING PM NOTH FIRE PM	10 90 Inches Chile is 2054"	8.66	1,30	10	66	2114	24	1.00	94.26	1949-01	6.000B
India Protection		(ESE suress Chale v 2654	136	180	101	- 78	204	28	198	8728	186100	
India Protection	80/0408798	CHARLANTA MICH	1,00	2.00	-	62	301	29	100	39.20	2084.00	6,000
Initial Photoseters	6010 8 (EV)	The second secon	2.50	5.16	NE .	100	100	38	1.60	197,35	940	8.050
Initial Perstantion Initial Perstantion	601910:00 AV 601911:00 PM	CODE STREET COME IN 1886	140	646	80 51	-01	vote vote	28	100	4125	1204.00	8.0167 6.000
		(1200 Service Chine to 1004)										
Indial Production	BOTH IS OF AN	1100-11061-11 mg (11071-47.10 & 677	330	-0.87	- 04	- 00	1948	28	130	ALSE	104.00	8,000
Today Tenderation	89/01/00/00	MOTO Prospir	460	100	-	100	199	-	190	W175.C	visitie:	1000
India Productors	965/99/2:90LAM	(2 MF Streems Chair is SAME	3.66	1,17	10	iii.	100	- 10	1701	8425	TANK NO -	6.00M
Hills Production	9579340.48	of St. surement Chatter in 18394"	19	1.01	78	- 00	91	24	140	4125	108-10	
Nits Persurber	MIN'S A SE FAM	FRENCHINGS - 3.5 (a)g	340	1,67	90	At .	998	38	198	84.25	1640.00	1005
Total Personation	SSPS SOCIAL	- Committee	288	1.4	106	W.	1530	28	198	4130	JARTE	1.000
Helia Production redia Personation	MUNICOSTAN NUTS FOR AN	100000	110	9.07	87		1600	-	190	43.25	1200.00	0 1400 0 1400
India Production	55/510 AM	Home proget to pay	2.00	140	10	-	1677	28	- 516	- Sign	MALTER .	81165
Bellines	900136K	THE MALES					109		.591	20.48	946	0.000
APT	NUMBER	BOT on TRUCKERS IN this is likely on making looks.							UM.	80.00	180	9.000
	1	Open and to few roug SOMP coops with										
Inthe Production	2015 2 ST 100	2000 page on the latery. Named following Floridate procedure for 201					2000		010	2000	168	9.000
Policy Christophere	NO THE REST AND	-	9.75	4.00	47.	-	140	ia.	100	.012b	VANK 100	5000
Settle Phothaction	BOYS ID DOM	110 SD: SUTUBLE CHIER IS 30/04	130	1.45	- 70	-	160		3165	5535	1091.50	6.2199
Intel® Production	8919110EAN	(GTO) browne Deke to 40%s	1.10	1.56	-	18	1388	38	1100	6535	18MACH	4.400
Intiac Production	8819 LESS PM	From: Wages - 5.5 (pg CR NY) + 42 (0) 42 (077	145	1.65	25	10	rote	36	190	3429	100430	4.819
	anni recini	NOTE Traver			-	-	2000	-	-	95.75	400	0.004
Indial Photographics Indial Photographics	85/9 256 PM		172	5,66	76	91	1500	4	136	3635	17 W 10	0.3444
total Protection	MATERIALISM	Company of the last	1.60	1,19	74	- 46	104	-	199	9739	1778.201	6.33M
Initial Photochers	ASSTRACES	Term Vesight = 0.2 (6) (N. ATT = 4) 13 ATT (TT	188-	3.36	26	. 16	1000	-46	1.00	\$5.26	101/05	1360
Intial Finalisation	80195 540 PM 80195 640 PM		199	2.05	28	85.	1386	2	190	80.25 90.35	1800 DD	6.0040
Intel Production Indel Productor			246				1060		100	9135	1686.10	9.0184
	8/5/15 7 SC /WE		2.62	9.61	38	- 61	1077	46			1000.00	
Settle Pentuction	MUNICIPAL PROPERTY.	Timer Degra- 6.5-pag	2.6k	9.61 0.00	75	30	1912	-	7100	8125	1782.00	4300e
intia Protection		Distribute - Eliging Distribute - Eliging		1000								

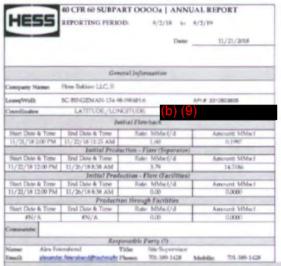
Intel Percurbes	5019 G0079 5019 1/2019	1 STR HUNSE CHIEF IS 6254	276 276	140	727 74	41	198	40	12	90.76 90.76	10810	6007
sittle Production	8619-125E46	(GBE house Date is self- arear fregis - 12 am (EAR-41 @ 677	280	140			1258	42	18	M25	20'420	1004
and beauting	96/01/00 M	Statement Cont.		140	-		100	4	-186	-	man	#26er
TOTAL PRODUCTION	MATE 200 AM		1.64 2.02	6.99	277	95	TOE	2	146	97.25 98.00	1943-(I) 1980 (C)	00044
Intial Production State Production	80/9 (30 AM SS/S 455 AM	Personal State of Transport	746	215	20	- 21	100	44	130	Marie Marie	1760.00	9.55A1 9.05A1
Stille Productor	DATE SEE AN	CERTAGRAM	104	130	-	10	1100	44		21.0	99.00	1 pine
Hills Productor Hills Productor Hills Productor	000 TO THE AND SEC IS THE AND	and the same of	1.86	1.76	295	81-	1000	44	190	71.25	100.00	90179 98177
Milai Pointertor	00/07/00/00 00/00/00/00	CFOS Increase Chair in ADSP States Visign + 5 Appg CR-ADS + 41 Side ADS	1.66	1,76	22		1004	44	100	79.75	301430	1164
1968 Production 1968 Production		TRANS - 61 Shift ADV	156 166	146	73	8	100	H1	130	70	170.00	81683
nital Plantetter sital Plantetter	20172 203 46 2473 103 46		259	6765	10	19	1000	460	181	79.75 79.35	PROS.	94497
1000 Protection	Services:	(CIE remar Class o star*	267	840	125	81	1905	40	100	reas	778CM	90171
Man Production	8476101076	(CHI remay Dust 9 684* Creation Yaga+ 65 as (3 49+ 416) & 619 (00-5 as	ter	0.04	*	A)	1004	40	1.00	7824	wise	80%
Intial Production	8978 180790		241	0.00	85	- 10	163	48	100	79.75	1501.00	20149
orise Productor metal Productor	Brond Soletine Brond Soletine		218 781	100	22.	10 27	910	40	100	M25	1710.65	94193 94198
tetal Feducity	8619-10076	Water Woods = 6.5 (mg	224	108	19	-	1807	10	150	12.85	nie it	80'06
otto Production	Serectories	Mater Wages = 0.0 years (for skill = 40 Mode skill = (8 Mil) 6 Compactive makings below wayer & Marrison Chains 48 Mol skill conduct ceta to Utips 6 the Eastern	251	9.80	**		100	-40	100	62,55	vision	110071
		Personal Street Street Street										
what Production what Production	SWISTONE SWISTONE		2,48 2,46	ERI 1271	76	W	101	45	100	MH.	1779/00	0-000E
Mad Properties	BATTER STOLEN	Chear Wedge - N. S. cod.	sár	684	- 10		-	48.	Street 1	No. of	1450100	0.0021
Marie Street or	MATERIAL	INTERNATION (NEW YORKS)	100			10000	Ulip		2014	44	234	H-0505
and .	-	That then by their in LEE. Transporters							9.00	W.13	180	1,7000
941	MIN 2 C C C C C C C C C C C C C C C C C C	fema					610		100	NE 18-	200	8,9960
many Properties	WWW.19-00.PM	110,000 Open (1) it for an Abbit	1				3142	40	100	MA	636	U0000
		() FSB) Coropered Hey 4 of the	44	1								gores .
Indian Production	MARKE TY SEPAN	(10.00) Open Hill to flow on All data choice with an ESP of Philip Control (11.00) Companing they if of the Ballion Francisch Proceedings DC Area florescent Product in SPIAS trained stanged on SESS	2.44	1.65	FK.	74	MEZ	10.	7286	44.05	1899.00	Language .
tidal Protection	B610 1706 AM	Violet steept in Appy Canada et 20 gastra ottise frame	2.66	9.66	76	80	100	46	700	MC29-	1776.000	0.0002
initial Promotion	6/0/10-1 (0) AM 6/0/10 (2:00:AM	(100) Charleng (Tree to KRN)	2.62	985	10	100	1997	40	100	\$1.26	1684:00 1682:00	0.0876
HERPERSON WEST PRODUCTOR	BUTTEL	(USB / Sections China to 4284*	25°	4 50 8 57	79.	101 101	1604	:	1-07	60.29 60.25	1656200	0.00276
NEW PRODUCTION	6579 KINCHAM	Water tolkept = 0.0 (as)	241	853	-	79	1874	42	100	14.75	1419.00	0.0684
Initial Production Initial Production	8079130AA 8079130AA	A SSI Depreses Dinks to 4064"	298	477	70	70.	1002	42	1:50	16:25	1729.06	COSINS DOOM
Initial Production Initial Production	BESTS TOTAL		18	6.79	54	83	110Y	40 40	100	9525- 9525-	100,000	0.0006
Initial Productor:	86798 (C) AN	Trade Varyet F0:F000 Trades 43 drift rent	234	4.78	86	N	1109	45	100	16.56	1912/200	54653
Indial Production Initial Stratustion	SWITE STICKE SWITE STATE AND	HEADER STREET,	1 (de 1 (de	427	- 10	70	115E	80 80	100	100.25	12816 12016	0.000 B
(saligal Mindus/Diss. (saligal Production)	65'5 1000 AM		100	630 676	- 18		1100	40 40	180	199.25	120010	0.0031
total Proteston	METER STREETS	Characterings + 5.6 pag (A. 661 + 62.20 g) servi	1,00	810		79	-		100	Here	Wilson	586M
1datProteton	68/19 130/99 88/19 236/99	878+6 mm	136	829		11	5000	**	126	196.01	185916	0.000
reductive traductive trada Production	859316FW 85916FW		236	4.60 6.79	67	0	100	8	120	10426	14660	0.6532
mana Production	BATELOTTY.	Charles of 17 m one	100	6.76	-	22	-	*	100	190.00	Table CO.	DOME
	85/19 5/30 PM 85/19 6/30 PM	CHARLETTERS	237	6.77 6.64			=	0 0	166	19730	193500	2664
notes Production Indial Production Indial Production	85/194 (H176) 55/19 (10176)		3.86 2.96	E54 E58		71 70 70	1988	- 0	100	1805	110400	CHES
Indial Production	MOTERIAL OF	Mater (400)011-1-7000- (310)1-519-5077	234	120	-		1112	-	110	11900	115/60	1109
	ARTIS A100 (00)	OLDS-RIAMITY.		420	-	- 10	and .					
Indial Production USES Production Indial Production	60-9 1030 FM 9510 1130 FM		2.00 2.00 2.00	640	0 10	-	1084 1085	0.00	120	1102B 1102B	1279-00 1640-05 1879-05	0.000 0.000 0.000
Indian Production	96.8 G (195 MB)	TRANSPORT - STAND	18	216	20		1981		100	11475	765.00	2499
Hotel Production	MATER CODING	Mark Cont		447	-		1977		100	11020	2000	2409
Indial Production Indial Production	4874 T/07/04		192	100	48	- AL	GMP1	-	190	116,00	(81) EEE	0.0000 0.0000
Indial Production	5673 175 AM 5673 475 AM	Name and Persons a	238	138	6 6		1000		140	100	100000	0.6694
rebal Franchise	CONTRACTOR AND ADDRESS OF	(11.505 - 21.7 db.007)		425				10	120	17975	286 CB	
total Webster Intel Protector	SAPERIST AND SAPERIST AND		2 Mr 5.39 2.12	(630)	4E 60		1074 1075	40	1085	18629	(2014/00)	DOM:
total Probation	6819 (10) AN	West respectations	2.12	8.66 8.62	*	10 10	166	0 0	100	7.751.255 V22-236	15800	0.000
Saltai Madaman	DESCRIPTION.	THE SET VALUE AND THE	2.75	1100			- trees	-	786	COLUMN 1	1 temporal	2440
India Producted India Productor	0/5/10 10:00 AM 0/5/10 13:00 AM		187	110 110	15 70	# P	(866)	10	160	100/6	1900.00	(2004)
Initial Production	AND TO STORM	Charles 4123 & est	1.75	1100	- 10	-	1000		100	12626	188108	0.690
		Milita Scott			-	-	1008		100	100.00		0.0000
Intel Production Index Production	\$491.9 1.00 PM 8491.9 2161 PM		1.58 7.54 1.70	110	79		1284	6	140	19735 19800 13835	1754.00 1680.00 1680.00	0.0000
Telliar Virgolasticos	\$6013 1-101766 \$6013 4-101766	Wester Wood and - St Street	1,00	645	**	- 10	1065	40	1400	13816	144590	
Indial Production	METER STORM	West Weigh + Edings (Mark visit in 1975)	1.87	10E	0		1001		140	1919	11/6/02	5.000 5.000
Indial Production Indial Production	Bell 2 6131 794		2.00 2.25	5.36 5.00	500 500 511	:	1000		100	191 (K 190 (S	1890-00	0.0000 0.0000
toliai Frakcilon	8619 100 No	Victor Company & Adaption	3.26	4.36			1004	40	140	ARASE	1524.01	0.0629
Initial Printaction	8619 810 FMI 8619 900 FMI	CHARL - AT S.A. 1977	2.00	928	60		1000		700	13425	164500	0.5090
tietigi Production tetigi Production	SALE KUSSLAM		2.42 2.35 2.30	9.76- 9.25	100	1E	160	40	140	19035	1455-00	0.0091 0.0081 0.0080
tribal Physicition	86/16 11:50 PM	White Progra - 3:5 year		9-40	100		1916	40	120	139/29	1810.00	
(solial Production	2018 (7:0) AM	utinis Timpe + 3.6 pag (in ME + 63.0 @ 6077 1670x Duma	130	626	10	40	1014	40	146	13035	1410.00	53982
Initial Production Initial Production Initial Production	STORY STOLANS STORY STOLANS STORY STOLANS		1.52 1.53 7.37	8.16 8.45 9.50	No.	11 11 11 11 11 11 11 11 11 11 11 11 11	1047 1017	40	140	180.05 140.05 181.25	1496.05 1685.00 1480.00	0.0084
THE PERSON		Walle Margar B. Sans			63			40				
Initial Production	BITTE A DE ANI MITTE M DE ANI	France Visuage = 8.5 ppg (10.5F) = 43 0.00 pg/F	2.40	129	79	R	1405	- 0	100	140/36	1941-01	0.9005
Producted Second, Facilities Eyesterion (yours), Facilities Frankelson Separati Facilities	BITTO A DE ANY BITTO A DE ANY BITTO Y TOU ANY		1.00	1 12 1 12 1 12	200 200 200	6.	1000 1000 1008		100	144.25 140.25	1860-01 1810-00 1704-00	0.0000
	A STORY TOO AND STORY IS DO AND	Print West Law										0.0004
Productive Brings Facilities		PROSPER VINCENT & STATES	1.00	165	83.	- 00	1015	40	100	1400	190049	-9004
Council spectrum specific		of 4th Tamprison may IPMC 45967 shife 6 Prosecks-3466 (how at 1300 page Mhappy sand sends s							010	18682	100000	1002



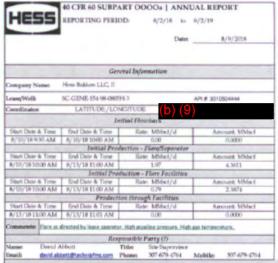
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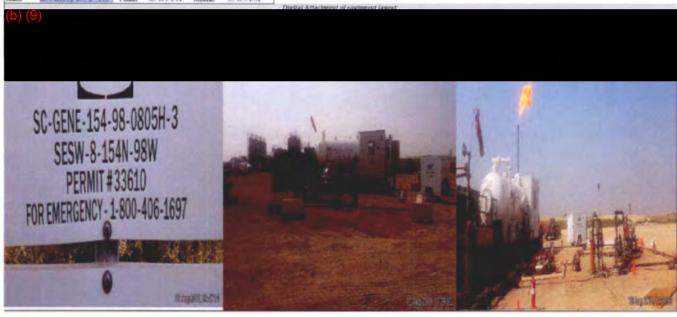


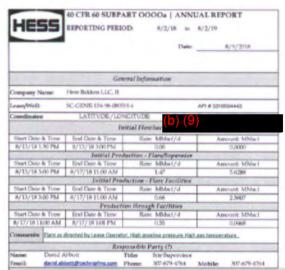
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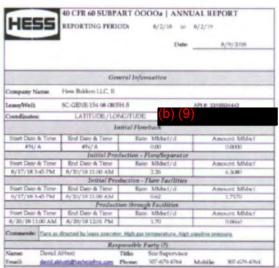










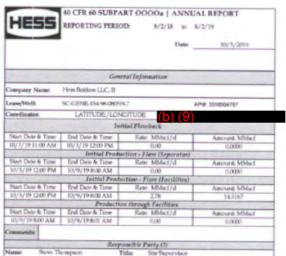




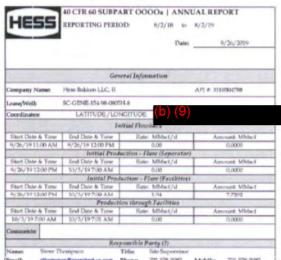
			Dates		8/9/2018
	0	eneral Info	and all as		
Company Name:	Hess Bakken LLC, II		irinari tan		
Lease/Well:	SC-GENE-154-98-080			API # 331	DADAGAT
Coordinates			(b) (9)		
		Initial Flo	toback		
Start Date & Time	End Date & Time	Ra	ter. MMsci/el	- An	nount: MMsc
8/20/18:2:15 PM	8/20/18:3:00 PM		0.00		0.0000
	Initial Pro	eduction -	Flare/Separator		
Start Date & Time	End Date & Time	Ra	te: MMscf/d	An	nount: MMsc
8/20/18 3:00 PM	8/23/18-8:00 AM		2.04		5,4990
	Initial Pr	oduction -	Flare Facilities		
Start Date & Time	End Date & Time	Ra	te: MMsct/d	An	nount MMsc
8/20/18 3:00 PM	8/23/18/800 AM		0.50		1.3414
		tion throu	igh Facilities		
Start Date & Time	End Date & Time	Ra	ns MMscf/d	Ar	nount; MMsc
8/23/18800 AM	8/23/18 9:50 AM		1.20		0.1289
Commenter Figre.	n directed by Lease Opera	etor, High as	m Semowrature, High	h pizeline po	PERUTA.
	Re	sponsible	Party (7)		
Name: David	Abbott	Title:	Site Supervisor		
Email: devid.	abbott#technipfmc.com	Phones	307-679-4764	Mobile	307-679-6





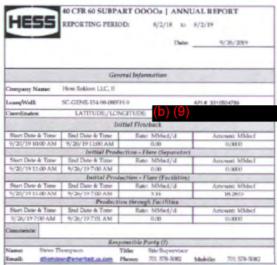




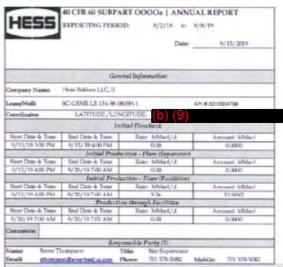


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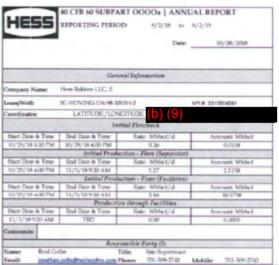


















Version 20190404	WELL DAT	A SUMMARY
Clear data to create Flowback	Company Name Well Name API Number	Hess Corporation BB-FEDERAL-151-95-0817H-2
data for new well	Area Wark Teign Field	D 88
	Formation Ansa (Acres)	MB 1280
	Date on Location	6/1/2019
	Initial Flowback Date Flowback Company	6/15/19 12:00 PM TechnipFMC
Show/Hide auto-	Responsible Contractor Phone Contract	Joshua Turmon 701-389-9367
populated data	Install Shut-in Tubing Pressure (Psi)	3,850

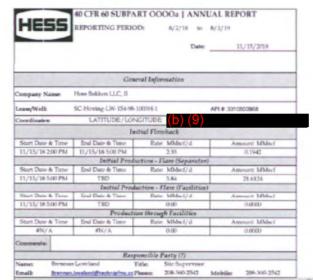
Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

REFER TO COMMENTS ON CELLS FOR GUIDANCE DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

FRAC JOB	SUMMARY	
ype Frac Job	Hydraulic Frac	
OTAL Clean Fluid Pumped	158,271	BBLS
OTAL Sand Pumped	10,023,482	LBS
oposed # Stages	31	Stages
Rective # Stages	31	Stages

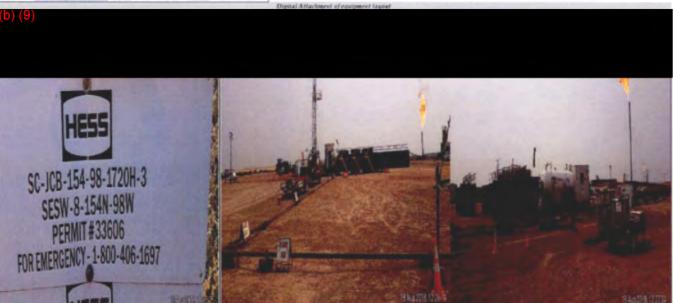
Part	(bbishata) (Hours*0.5) (#) BBLSDay Retuing (D
Standard Vote Standard Vot	00 10 D 0 00
Table of Vision Table Ta	00 14 D 0 00
Charles of Vision Char	
Standard Vision Standard V	00 17 0 0 00
Standard Works 1000	00 17 0 0 00
Initial Production	
Initial Production (00 20 D 0 00
Initial Production	00 20 0 0 0 08 22 0 864 00
Initial Production (976) Production (976	75.1 2.4 D 3624 0.0
Initial Production OFICITI'S COD PM (INCO) POTRON DO PM (INCO) POTRO DO PM POTRO	914 26 0 3864 0.0
Initial Production GPI-09 600 PM Column	101.4 2.8 D 4248 0.0 100.6 3.0 D 3636 0.0
Total Production 61619 SOD PM SWP 2412	1252 32 D 4944 0.0
NPT 8/16/18 9:67 PM Production activities in the production of the	134.7 3.3 D 5136 0.0 0.0 3.3 D 0 0.00
Initial Production 6/16/19 9.35 PM Open to Flow in 19-30086 on a 3264 Open to Flow in	
Choke at 3,400 PSIG	0.0 3.3 D 0 00
Initial Production 6/16/19 11:00 PM (23:54) increase choke to 3484° 4.87 0.00 161 36 2756 32 1:00 13:00 3864.00 197:00 1085:00 81.79% 864.00 360.00 0.2% 1:447.00 1:42 0.06 1:48 1260.351967 0.1 0.5 0.3	00 34 0 0 0.00 852 3.5 0 3384 0.00
Initial Production 6/17/19 1.20 AM Water Weight = 9.8 pag OA pi = 4.51 6g 80°F 5.07 0.00 185 36 2538 34 1.00 14.00 4.440 00 221.00 127.00 83.71% 16.29% 864.00 398.00 0.3% 1668.00 1.83 0.06 1.69 1141,891892 0.1 0.5 0.3	1246 36 D 4728 00
Initial Production 6/17/19 2:00 AM 4.76 0.00 155 38 2:97 32 0.08 18:00 3720.00 193.00 1581:00 80.31% 19:69% 912.00 472.00 0.3% 2:053.00 2:02 0:06 2:07 1284 848/237 0.1 0.8 0.3 Wei Shot in 6/17/19 2:08 AM 5.WIP-3497 0:01 16:13 0:00 0:00 1581:00 0:00 472.00 0:3% 2:053.00 2:02 0:06 2:07 1:08 448/237 0:00 0:00 1581:00 0:00 472.00 0:3% 2:053.00 2:02 0:06 2:07 1:08 448/237 0:00 0:00 1581:00 0:00 472.00 0:3% 2:053.00 2:02 0:06 2:07 1:08 448/237 0:00 0:00 1581:00	143.2 3.7 D 5304 0.0
NPT 6/17/19 2:09 AM Production Teater, two Phase 0.00 1/72/00 0.3% 2/53/00 2.02 0.08 2.07	120.8 3.9 D 4608 0.0 120.0 4.0 D 4532 0.0 0.0 4.0 D 0 0.0
Security during listing	00 40 0 0 00
Initial Production 6/17/19 233 AM	00 41 D 0 00
Well Shut in 697/9/9/237 AM SWP 3497 0.01 16.62 0.00 0.00 1581.00 0.00 472.00 0.3% 2063.00 2.02 0.06 2.07 0.0 0.6	00 41 D 0 0.0
NPT 6/17/19 2:39 AM Production Tester, two Phase Becerafor dump issue 0.22 16.63 0.00 0.00 1581:00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	00 41 D C 00
NPT 6/17/19 2:09 AM Production is working on the issue 3481 0:40 17:00 0:00 0:00 1581:00 0:00 472:00 0:3% 2053:00 2:02 0:06 2:07 0:0 0:0 0:0 0:0 0:0 0:0 0:0 0:0 0:0	0.0 41 D C 0.00
Initial Production 6/17/19/3-40 AM Chair of 17/19/3-40 AM Chair of 1	00 42 D 0 0.0
NPT 8/17/19 2:66 AM Production Tealer, two Phase 000 472.00 0.3% 2053.00 2.02 0.06 2.07	00 42 D 0 000
NPT 8/17/19-4:59 AM Shed in walling on new Yeo phase dum. 5490 100 1800 0.00 18100 2 0.00 18100 2 0.00 18100 2 0.00 0.00 18100 2 0.00 0.00 0.00 0.00 0.00 0.00 0.00	00 42 D 0 00
NPT 8:17719 5:00 AM 3550 1:00 19:00 0:00 1581:00 0:00 472:00 0:3% 2053:00 2:02 0:06 2:07 0:0 0:6 0:00 0:00 0:00 0:00 0:00 0:0	00 44 D 0 000 00 45 D 0 000
NPT 6/17/19 7:00 AM 200 1581:00 0.00 1581:00 0.00 1581:00 0.00 472:00 0.3% 2053:00 2:02 0.06 2:07 0.0 0.6	0.0 46 D 0 0.0
Initial Production 6/17/197-15 AM (7/15) Upon Year 3-0045 (7/197-15 AM (7/15) Upon Year 3-0045 (7/15)	00 46 D 0 00 00 47 D 0 0
NPT 4/17/19 8:30 AM (7:59) Bloe Light due to High level in 3 79 54 0.22 22.00 1696.00 103.00 1660.00 76.70% 23.30% 576.00 496.00 0.3% 2156.00 2.02 0.06 2.07 0 2.0	61.2 4.7 D 2472 0.00
Initial Production 6/17/19 8/22 AM Production Hard Will Hot Older flushes their dumps Will Hot Older flushes their	00 47 D 0 0.00
Initial Production 6/17/19/00 AM (9:00) Increase choice to 32/54* 3.30 0.00 99 14 2744 26 1:00 2376.00 113:00 1759.00 87.61% 12:59% 336.00 510.00 0.5% 2298.00 2:15 0.06 2:21 1388.888899 0.0 0.6 0.5	766 48 D 2712 0.0 134.7 49 D 4892 0.0
Initial Production 6/17/19/11:00 AM (11:00) Increase choice to 35/64* 5:00 0.00 163 42 2554 34 1:00 25:00 3912:00 206:00 79:51% 20:49% 1008:00 566:00 0.4% 2982:00 2:56 0.06 2:62 1278/19809 0.1 1:1 0.3	126.2 5.0 D 4920 0.00
Initial Production 6/17/19 12:00 PM (12:00) Waler Weight = 9.6 pop (12:00) Waler Waler Weight = 9.6 pop (12:00) Waler Waler Weight = 9.6 pop (12:00) Waler	132.4 5.1 D 5040 0.0
Initial Production 617/191,00 PM (1.00) Target of 225+1-10 bfsh met, 24 Hr Countdown healths. 5,60 0.00 180 50 2455 36 1.00 27:00 4320,00 230.00 2447:00 78:26% 21,74% 1200.00 675:00 0.4% 3122.00 3.02 0.06 3.08 1296;28296 0.1 1.3 0.3	139.4 52 D 5520 0.0
Initial Production 6/17/19 2/00 PM 5.70 0.00 170 52 2/460 36 1.00 28:00 4/080.00 2/22:00 2617.00 76:56% 2/3 4/2% 12/48:00 727:00 0.5% 3/34:00 3.26 0.06 3.32 1367/058624 0.1 1.4 0.3 Initial Production 6/17/19 3/00 PM 5.70 0.00 172 45 2/460 36 1.00 28:00 4/126:00 2/17:00 0.5% 3/56:00 3.50 0.06 3.50 0.06 3.56 1380 8/3863 0.1 1.4 0.3	131,6 5.3 D 5328 0.00 133,2 5,4 D 5206 0.0
Initial Production 617/19 4:00 PM Water Weight = 9.8 ppg 570 0.00 160 41 2455 36 1:00 30:00 4320.00 271:00 2959:00 81 45% 16:55% 984:00 813:00 0:5% 3782:00 3.74 0:06 3.79 1319-44444 0:1 1:5 0:3	139.4 55 D 5304 0.00
Initial Production 6/17/19 5/00 PM Production Hand due to salted dumps and treater levels getting too high. 15.00 138 27 2452 36 1:00 3107 00 83 64% 16,36% 648,00 840,00 0.5% 3947:00 3.98 0.06 4.03 1751 207729 0.1 1.6 0.4	106.8 5.6 D 3960 0.0
Initial Production 6/17/19 6:00 PM 5.11 0.00 168 36 2548 34 1.00 32:00 4032:00 204:00 3275:00 82:35% 17:55% 364:00 878:00 6:17/19 7:00 PM (7:00) increase choice to 36:64* 5.39 0.00 175 29 25:13 34 1:00 33:00 4200:00 26:00 85:78% 14:22% 698:00 905:00 0.6% 4355:00 4:42 0.06 4:47 1283:333333 0.1 1:7 0.3	130.1 57 D 4896 0.0 135.5 5.7 D 4896 0.0
Initial Production 6/17/19 800 PM Water Weight = 9.8 ppg 5.79 0.00 167 36 2429 36 100 34.00 4008.00 203.00 3617.00 82.27% 17.73% 864.00 941.00 0.6% 4566.00 4.66 0.06 4.71 1444.610778 0.1 1.9 0.4	1293 58 D 4672 0.0
Initial Production 6/17/19 9:00 PM (9:00) Increase choke to 38/64* 5.76 0:00 179 33 2431 36 1:00 35:00 4296:00 212:00 3796:00 64:43% 15:57% 792:00 974:00 0:0% 4770:00 4:90 0:06 4:95 1340.752123 0:1 2:0 0:3 179 170 0:0 PM 62:3 0:00 179 37 2332 38 1:00 36:00 4296:00 2:16:00 3875:00 62:87% 17:13% 688:00 1011:00 0:6% 4:96:00 5:16 0:06 5:21 1450.16622 0:1 0:4	1386 59 D 5088 0.0

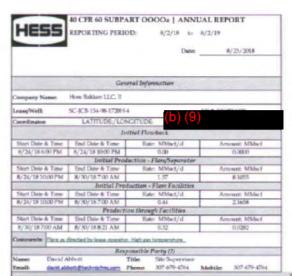
Initial Production	617/1911-00 PM		6.14	0.00	186	38	2323	38	1.00	37.00	4464.00	224.00	4161,00	83.04%	16.96%	912.00	1049.00	0.7%	5210.00	5.41	0.06	5.47	1375 448025	01	22	0.3	144.0	61	0	5376	0.0111
Initial Production	6/16/19 12:00 AM	(12:00) Water Weight = 9.8 ppg Oil, API = 43.79 @ 50°F	6.13	0.00	186	51	2911	30	1:00	38.00	4484.00	237.00	4347.00	78.48%	21 52%	1224.00	1100.00	07%	5447.00	5.67	0.06	5.72	1373,207666	0.1	24	0.3	1440	62	D	5608	0.0059
Initial Production	6/18/19 1 00 AM	HZG = 0 com	0.12	0.00	160	43	2309	38	1:00	39.00	4320.00	223.00		60.72%		1032.00	1143 00	0.7%	5670.00	5.02	0.06	5.98	1416.666667	01	25	0.4	139,4	6.2	0	5362	0.0055
Initial Production Initial Production	6/18/19 2 00 AM 6/18/19 3 00 AM		6.00	0.00	183	40	2308 2303	38	1:00	40.00	4536.00 4392.00	223.00		84.38%	17.94%	960.00	1178.00	0.7%	5894.00 6117.00	6 43	0.06	6.23	1347.001764 1306.612022	0.5	26 27	0.3	145.3	64	0	5376 5352	0.0277
Initial Production	6/18/19 4 00 AM	(4.02) Decrease choke to 34/64" per Production Hand Due to oil Tank Volume Water Weight = 9.8 ppg	6.10	0.00	180	34	2298	38	100	42.00	4320.00	214.00	5079.00	84.11%	15.89%	816.00	1262.00	0.0%	6031.00	4.09	0.06	0.74	1412.037037	0,1	28	0.4	139.4	6.5	D	5136	0.0106
Initial Production	6/18/19 5:00 AM	Oli API = 43.90 @ 60°F	5.30	0.00	157	34	2461	34	100	43.00	3768.00	191.00	5206.00	82.20%	17.80%	816.00	1286.00	0.0%	6622.00	6.91	0.06	6,97	1427.813163	01	26	04	121.5	56	0	4584	0.0094
Initial Production Initial Production	6/16/19 6:00 AM 6/16/19 7:00 AM		5.30	0.00	175	37	2484 2482	34	1:00	44.00 45.00	4200.00 3768.00	212.00	5411.00	82 50% 84.80%	17.45%	888.00 672.00	1323 00	0.8%	6734.00 6919.00	7.13 7.35	0.06	7.19	1261.904762	0.1	27 28	03	136.5	6.6 6.7	0	5088 4440	0.0052
Initial Production	STISTES SOO AM	(8.00) Decrease choke to 32/64" per Production hand until LACT is fixed.	530	0.00	100		2472	-	1:00	45.00	3984.00	200.00		83.00%		816,00	1380.00	0.9%	7119.00	7.57	0.06	763	1330.321286	0.1	29	03	129.5	68	0	4800	0.0049
		Water Weight = 9.7 ppg OFAP1 = 42.41 @ 60°F			100	-	200	-		1000				1000 P																	
Initial Production Initial Production	6/16/19:9:00 AM 6/16/19:10:00 AM		5.00	0.00	168	34	2545 2533	32 32	1:00	47.00 48.00	3792.00 3664.00	192.00	6053.00	83.42%	16.58%	768.00	1419.00	0.9%	7311.00 7504.00	7.76 7.98	0.06	7.83 8.04	1292,194093 1293,996859	01	30	03	122.3	69	0	4608 4632	0.0047
Initial Production	6/18/19 11:00 AM 6/18/19 12:00 PM	Water Weight = 9.7 ppg Oli API = 43.44 @ 60°F	490	0.00	152	23	2532 2538	32	1:00	49:00	3648.00	185.00		82.16%	0.00	792.00 672.00	1512.00	1.0%	7989.00	8.19	0.06	8.25	1370 614035	0.1	3.0	04	117.7	70	0	4440	0.0046
		H2S = 0 ppm (1.00) LACT is fixed. We will resume			100	_			100	-					-																
Initial Production	6/16/19 1:00 PM	schedule and target 225+/- 10 blph for 24 consective hours.	2.00	0.00	157	25	2525	32	1:00	51.00	3768.00	182.00	6519.00	85.26%	13.74%	600.00	1537.00	10%	8095.00	8.48	0.06	8.54	530 7855626	01	32	04	121.5	71	D	4368	0.0045
Initial Production	6/18/19 2:00 PM	(1:30) increase choke to 34/64" (2:00) increase choke to 36/64"	5.10	000	148	47	2442	34	1:00	52.00	3962.00	195.00	6067.00	75.90%	24 10%	1179.00	1584.00	10%	8061.00	840	0.06	8.75	1435.810811	0.1	34	0.4	114.6	72	0	4680	0.0048
Initial Production	6/16/19/3:00 PM	(2:30) Increase choke to 36/64*	6.00	0.00	148	32	2202	38	1:00	53.00	3552.00	180.00		62.22%	0.000	768.00	1618.00	1.0%	8431.00	8.94	0.06	9.00	1589 189189	01	38	9.5	1146	73	0	4320	0.0044
Initial Production	618/19 4:00 PM	Water Weight = 9.7 ppg OI API = 43.44 @ 60°F	6.00	0.00	165	30	2238	36	1.00	54 00	3960.00	195.00	6960.00	84,62%	15.38%	720 00	1645.00	10%	8626.00	5.19	0.06	9.25	1515.151516	01	3.9	0.4	127.7	7.3	0	4680	0.0048
Initial Production	6/16/19 5 00 PM		5.90	0.00	171	39	2246	38	1.90	55.00	4104.00	210.00	7151.00	81.43%	18.57%	936.00	1685.00	1.1%	8030.00	8.44	0.06	8.50	1437 621832	01	39	0.4	132.4	7.4	0	5040	0.0052
Initial Production	6/18/19 6/00 PM	(6.06) Decrease thoke to 3664" per Production hand until LACT is fixed. (7:30) LACT is fixed. We set resume	6,10	0.00	189	40	2171	40	1:00	56.00	4536.00	229.00	7340.00	82.53%	STATE	960.00	1725-00	11%	9065.00	1.62	0.06	9.75	1344.797178	01	42	0.4	145.3	7.5	D	5496	0.0057
Initial Production	616/19 7:00 PM	achedule and target 22545-10 blph for 24 consective hours. Increase choice to 38665	5.52	000	136	36	2370	36	1.00	57.00	3012.00	174.00	7478.00	79.31%	20.69%	864.00	1781.00	1.1%	9239-00	1.92	0.06	150	1980 600067	01	39	0.4	106.8	75	. 0	4176	0.0043
Initial Production	67679800 PM	Water Weight = 9.7 ppg OHAPI = 43.09 db 60°F	6.31	0.00	144	29	2244	36	1.00	58.00	3456.00	173.00	7622.00	8324%	10.76%	696.00	1790 00	1.1%	8412.00	10.19	0.06	1024	1525 810185	01	42	0.5	111.5	76	D	4152	0.0043
Initial Production	6/16/19 9:00 PM	(9:00) Target of 225+/-10 bigh met. 24 Hr Countdown begins	6.12	0.00	195	39	2199	38	1:00	59.00	4680.00	234.00	7817.00	83.33%	10.57%	906.00	1629 00	12%	9645.00	10.44	0.06	10.50	1307 592308	01	44	04	151.0	7.7	D	5616	0.0056
Initial Production Initial Production	6/18/19 10:00 PM 6/18/19 11:00 PM		6.02 3.00	0.00	179	36	2199 2294	38	100	60 00 61 00	4296.00 4248.00	215.00		83.26%		864.00 1008.00	1865.00	12%	9861.00 10080.00	10.69	0.06	10.75	1401 303538	0.1	45	0.4	1366	7.7	0	5160 5256	0.0053
Initial Production	6/19/19 12:00 AM	(12:00) Water Weight = 9:8 ppg OIL API = 43:05:@ 60°F	5.98	0.00	176	42	2189	38	100	62.00	4224.00	218.00	3000	80.73%		1008.00	1949 00	12%	10290.00	1107	0.06	11.12	1415 719697	0.1	47	04	1363	7.9	0	5232	0.0054
Initial Production	6/19/19 1:00 AM	H25 = 0 ppm	800	000	186	- 10	0187	-	1.00	63.00	4464.00	225.00		82.67%		906.00	1986.00	13%	10523.00	1132	0.06	11.37	1348 596308	91	48	0.4	1440	7.9		5400	0.0056
Initial Production	6/19/19 2:00 AM		6.02	0.00	174	36	2185	36	1:00	64.00	4176.00	212.00		82.08%		912.00	2026.00	13%	10735.00	11.57	0.06	11.62	1441.570881	0.1	49	0.4	1347	80	D	5088	0.0062
Initial Production	6/19/19 3:00 AM	Water Water a S.T.	6.01	0.00	175	40	2183	38	1:00	65.00	4200.00	215.00	8884.00	81.40%	18.60%	960.00	2066.00	13%	10950 00	11.82	0.06	11.87	1430 952381	0.1	5.0	0.4	135.5	8.1	0	5160	0.0053
Initial Production	6/19/19 4:00 AM	Water Weight = 9.7 ppg Oil API = 43.10 億 60°F	6.01	0.00	180	39	2179	38	1:00	66.00	4320.00	218.00	9064.00	8219%	17.81%	996.00	2105.00	13%	11169.00	12.07	0.06	1212	1391,203704	0.1	5.1	0.4	139-4	8.1	0	\$256	0.0064
Initial Production	6/19/19 5:00 AM 6/19/19 6:00 AM		5.90	0.00	177	40	2175	38	1:00	67.00	4248.00 4300.00	217.00		81.57%		960.00	2145.00	14%	11509.00	12.32	0.06	1237	1412 429379	01	52	0.4	137.0	82	0	5208 5352	0.0054
Initial Production Initial Production	6/19/19 7:00 AM		5.90	0.00	177	34	2176	38	1.00	69.00	4248.00			80.72% 83.89%		1032:00 816:00	7222.00	14%	11820.00	1256	0.06	12.52	1368.668888	0.1	5.4	0.4	137.0	8.3	0	5064	0.0050
Initial Production	G19/19/8/00 AM	(8:00) Increase choice to 40/64* Water Weight = 9.7 ppg	5.90	0.00	163	42	2168	30	1:00	70.00	3912.00	205.00	9761 00	79.51%	20.49%	1008.00	2264 00	1.4%	12025 00	13.06	0.06	1311	1508 179959	01	5.5	0.4	126.2	84	D	4920	0.0061
Initial Production	6/19/15 9:00 AM	OI API = 42.56 @ 60°F	6.00	0.00	179	40	2126	40	1:00	71.00	4296.00	219.00	994000	81.74%	18.30%	960.00	2304.00	15%	12244.00	13.31	0.06	(3.36	1396 648045	01	58	0.4	138.6	84	D	5250	0.0054
Initial Production	6/19/19 10:00 AM		6.00	0.00	184	43	2124	40	1:00	72.00	4416.00			81.06%		1032.00	2347.00	1.5%	12471.00	13.56	0.06	13.61	1358 695652	01	5.9	0.4	1425	85	0	5445	0.0224
Initial Production	6/19/19 11:00 AM	(12:00) Target not hit for 2 hours,	6.00	0.00	169	32	2116	40	1:00	73.00	4056.00	201:00	10293.00	84.08%	15.92%	768.00	2379.00	1.5%	12672.00	13.81	0.06	13.86	1479.269941	01	60	0.4	130.8	8.5	0	4824	0.0099
		Production Hand asked that we remain on 40/64" to keep from high leveling the																												-	
Initial Production	61919 12:00 PM	Water Weight = 9.7 ppg Oil API = 42.82 @ 60°F H25 = 0 ppn	6.00	0.00	173		2108	40	1:00	74.00	4152.00	206.00	10466,00	82 79%	17 22%	864.00	2415.00	1.5%	1,2681.00	14.06	0.06	14.11	1445.086705	0.1	6.1	0.4	133.9	8.6		5016	0.0082
Initial Production	6/19/19 1.00 PM	(1:30) Decrease choke to 34/54" per production until Hot oiler flushes dumps.	5.20	0.36	157	47	2106	40	1:00	75.00	3768.00	204.00	10623,00	76.96%	23.04%	1128.00	2482.00	1.6%	13085.00	1427	0.07	14.34	1475 11465	0,1	62	0.5	121.5	87	0	4896	0.0060
Initial Production	6/19/19 2:00 PM	(2:00) Hot Oller arrives, flushes dump.	4.80	0.41	160	23	2382	34	1.00	76.00	3840.00	183.00	10783.00	87.43%	12.57%	552.00	2485.00	18%	13268 00	14.47	0.09	14.56	1356 770833	01	5.6	0.4	123.9	8.7	0	4392	0.0045
Initial Production	6/19/19 3:00 PM	(2:30) Increase choke to 38/64"	530	0.67	160	41	2140	38	1:00	77.00	3600.00	191.00	10833.00	78.53%	21.47%	984,00	2526.00	1.0%	13459.00	14.00	0.12	14.61	1659 444444	0.1	6.3	0.5	116.1	6.0	0	4584	0.0047
Initial Production	6/19/19 4:00 PM	Water Weight = 9.7 ppg Oil API = 42.74 (8) 60°F	5.50	0.37	179	43	2139	38	1:00	78.00	4296.00	222.00	11112.00	80.63%	19.37%	1032.00	2509.00	1.0%	13081.00	1492	613	15.06	1365 223454	0.1	6.4	0.4	138.6	6.8	0	5328	0.0055
Initial Production	6/19/19 5:00 PM		5.60	0.46	177	34	2133	36	1:00	79.00	4248.00	211.00			16.11%	816.00	2603.00	18%	13892.00	15,16	0.15	15.31	1426.318267	0.1	6.5	0.4	137.0	8.9	0	5064	0.0062
Initial Production Initial Production	6/19/19 6:00 PM 6/19/19 7:00 PM		5.40	0.47	175	46	2125 2126	38	1100	80,00 81,00	4200.00 4248.00	221.00			19.56%	1104.00	2649.00	1.7%	14113.00	15.38	0.17	15.55	1395.238095	0.1	6.6	0.4	135.5	8.9	0	5304 5280	0.0066
Initial Production	5/19/19 8:00 PM	Water Weight = 9.8 apg	5.49	0.36	170	36	2123	38	1:00	82.00	4080.00	206.00	1	100000000000000000000000000000000000000	17.48%	864.00	2728.00	1.7%	14539.00	15.83	0.20	16.04	1433.823539	0.1	6.8	0.4	131.5	9.1	D	4944	0.0081
Initial Production	6/19/19 9:00 PM	Od API = 43.76 db 60°F (9:00) Decrease choke to 36/64	454	0.90	176	39	2115	38	1:00	83.00	4224.00	215.00		81,86%		936.00	2767.00	17%	14754.00	16.04	0.24	16.26	1382.575758	0.1	7.0	04	136.3	9.1	0	5160	0.0053
Initial Production	6/19/19 10:00 PM		4.73	0.71	164	34	2236	36	1:00	84.00	3935.00	198.00	12151.00	82.83%	17,17%	816.00	2801.00	1.8%	14952.00	16.24	0.27	16.51	1382 113821	0.1	5.7 5.8	0.4	127.0	9.2	0	4752	0.0049
Initial Production	6/19/19 11:00 PM	(11:00) Decrease choke to 34/64 Water Weight = 9.7 ppg	5.04	0.38	164	33	2231	36	1.00	85.00	3936,00	1775	1000000	83.25%	0000000		2834.00	1.8%	15149.00	16.45	0.29	16.73	1377.03252	0.1		0.4	127.0	9.2		4728	0.0049
Initial Production	6/20/19 12:00 AM	OB API = 44 16 @ 60°F H25 = 0 ppm	4.73	0.37	156	33	2322	34	1:00	86.00	3744.00	189.00	10000	82.54%	23277	792.00	2867.00	18%	15336.00	16.64	0.30	16.95	1362,179487	0.1	6.6	0.4	120.8	9.3	0	4536	0.0047
Initial Production	5/20/19 1:00 AM 5/20/19 2:00 AM	(1.00) Decrease choke to 32/64	4.42	0.67	154	31	2314 2381	34 32	1:00	87.00 88.00	3696.00 3696.00	185.00		83.24%		744.00 720.00	2698 00 2928 00	18%	15573.00	16.83	0.33	17.16 17.36	1377 164502	0.1	66	0.4	119.2	9.3	0	4440 4416	0.0046
Initial Production Initial Production	6/20/19 3:00 AM	(3.00) Decrease choke to 30/64	4.20	031	143	36	2389	32	1:00	89.00	3432.00			79.89%			2964.00	19%	15886.00	17.10	0.36	17.56	1311.196811	0.1	56	0.4	110.7	9.4	0	4296	0.0044
Initial Production	6/20/19 4:00 AM	(4:00) Decrease choke to 20/64Water Weight = 9.7 ppg Of	3.85	0.25	135	30	2460	30	1:00	90.00	3240.00	165.00	13057.00	81.82%	18.16%	720.00	2994.00	19%	16061.00	17:35	0.37	17.72	1265 432099	0.1	65	0.4	104.5	9.5	0	3960	0,0041
Initial Production	6/29/19/5/00 AM	API = 43.95 @ 60°F (5:90) Decrease choke to 26/64	3.90	0.21	135	31	2489	28	1:00	91.00	3240.00	166.00		81.33%		744.00	3025 00	19%	16217.00	17.51	0.38	17.89	1268.516519	0.1	6.6	0.4	104.5	9.5	5	3964	0.0041
Production through Facilities	529/19 6:00 AM	(6:00) Decrease choke to 2464 (7:15) Turned over on a TFMC 24/64*	2.70	0.45	115	Q	2677	25	1:00	92.00	2760.00	157 00	13307.00	73.25%	26.75%	1008.00	3067.00	19%	16374.00	1782	0.40	18.02	1142.391304	0.1	6.1	0.4	89.0	9.6	2	3768	0.0039
Flowback operations complete	6/20/19 7 00 AM	choke to Production 15/64" choke at 2.763 pss(g) Manifold sand sample = 0.01%	280	0.50					0.00	93.00	2495.00	125.00	13411.00	83.20%	16,80%	504.00	3088.00	2.0%	16499.00	1774	0.62	1816	1323.317308	0.0	6.0	0.4	80.5	96	0	3000	0.0031
									Part Con Str.		1000000	-		The same of	-				100000				1		100000000000000000000000000000000000000		1	100000		-	





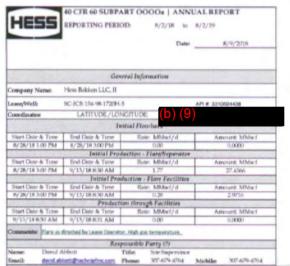






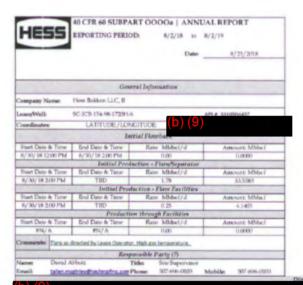




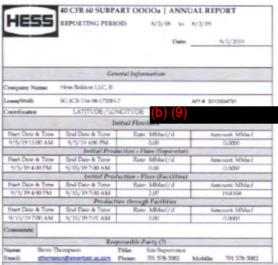




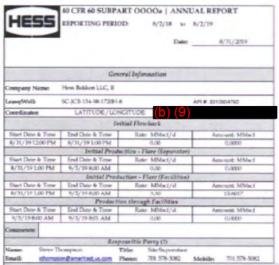






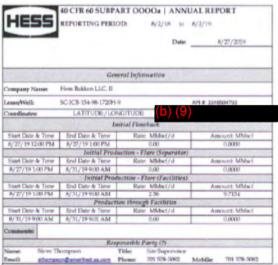




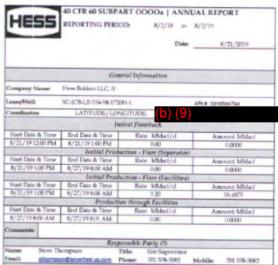


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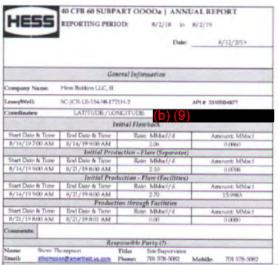




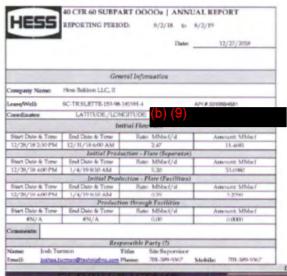


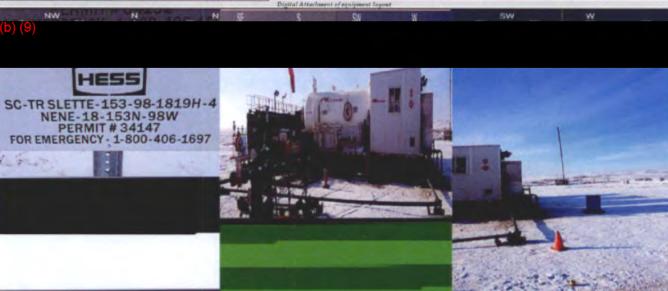


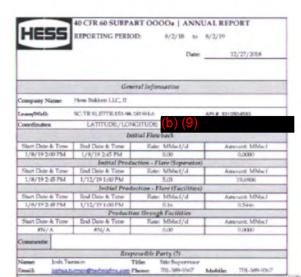










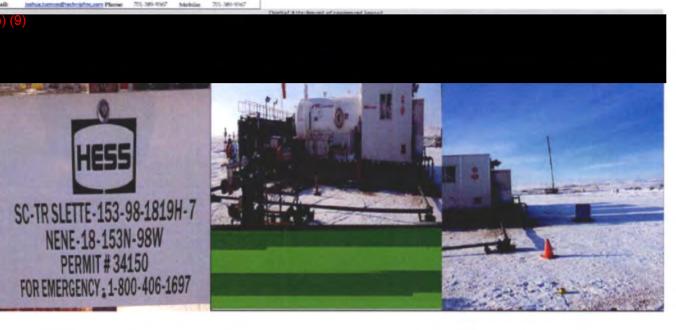


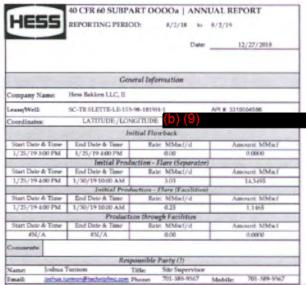


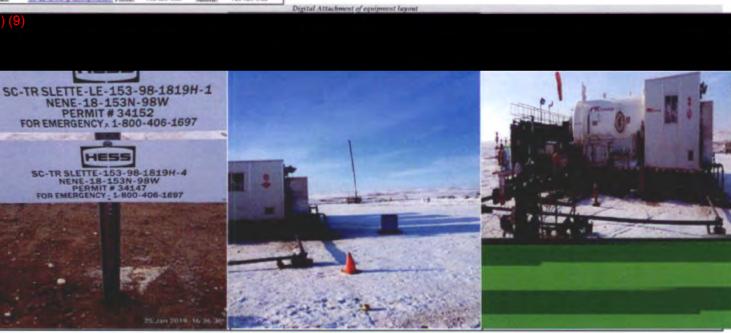
SC-TR SLETTE-153-98-1819H-6 NENE-18-153N-98W PERMIT # 34149 FOR EMERGENCY 3 1-800-406-1697

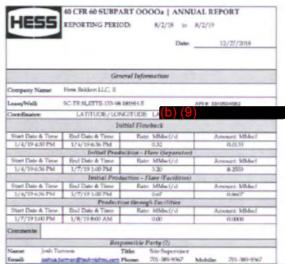




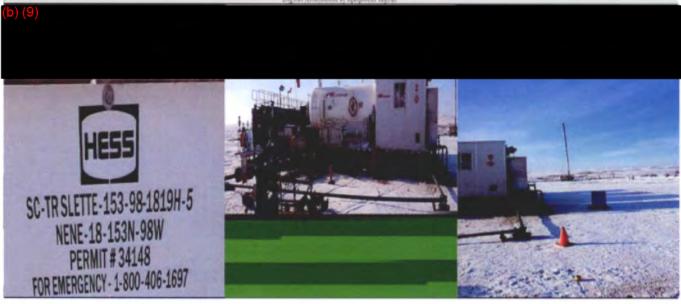








Digital Attachment of equipment layout



HESS	REPORTING PERIOR	Ot 8/2/18 to	8/2/19
		Date	12/27/2018
	Gener	ral Information	
Company Name	Here Bakken LLC, II		
Lease/Well:	SC-TR SLETTE-153-98-1	8191-1-8	API #: 3310504585
Coordinates	LATITUDE/LONG	TUDE (9)	
	Init	ial Flowback	
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount MMsc
1/10/19 1:45 PM	1/16/19 201 PM	2.41	0.1004
	Initial Produc	tion - Flare (Separate	n
Start Date & Time	End Date & Time	Rate: MMsc//d	Amount MMsc
1/16/19 2:01 PM	1/25/19 7:00 AM	3.86	30.7323
The same of the same	Initial Produc	tton - Flare (Facilitie	1)
Stort Date & Time	End Date & Time	Rate: MMscf/cl	Amount MMsc
1/16/19 2:01 PM	1/25/19 7:00 AM	0.11	0.9026
		u through Facilities	Name of the Owner,
Start Date & Time	End Date & Time	Rate: MMscf/sl.	Amount MMsc
#N/A	#N/A	0.00	0.0000
Comments:			
Personal Property	B	manifel a Brooking St.	
	Кенра	usible Party (2)	

Digital Attachment of equipment layout

(b)(9)



SC-TR SLETTE-153-98-1819H-8 NENE-18-153N-98W PERMIT # 34151 FOR EMERGENCY₂ 1-800-406-1697







40 CFR 60 SUBPART OOOOa | ANNUAL REPORTREPORTING PERIOD: 8/2/2018 to 8/2/2019

Fugitive emission components at a well site affected facility

All resurveys are conducted utilizing Optical Gas Imaging (OGI), which is the same method used to detect fugitive emissions.

Facility Name	Associated Wells	API#	Fugitive Emission Survey Report		
	AN-BRENNA-153-94-3130H-5	33053059290000			
	AN-BRENNA-153-94-3130H-6	33053059300000			
	AN-BRENNA-153-94-3130H-7	33053059310000			
	AN-BRENNA-153-94-3130H-8	33053059320000			
	AN-BRENNA-LE-153-94-3129H-2	33053059340000			
	AN-BRENNA-LE-153-94-3130H-1	33053059330000			
AN-Brenna Evenson LE	AN-EVENSON-152-95-0310H-10	33053071380000	Attached		
	AN-EVENSON-152-95-0310H-11	33053071370000			
	AN-EVENSON-152-95-0310H-12	33053071360000			
	AN-EVENSON-152-95-0310H-13	33053071350000			
	AN-EVENSON-152-95-0310H-14	33053070170000			
	AN-EVENSON-LE-152-95-0310H-1	33053070160000			
	AN-BOHMBACH-153-94-2734H-2	33053042300000			
	AN-BOHMBACH-153-94-2734H-3	33053043230000			
	AN-BOHMBACH-153-94-2734H-4	33053043240000			
	AN-BOHMBACH-153-94-2734H-5	33053086070000	Attached		
n-Dinwoodie 44-99 Facillity	AN-BOHMBACH-153-94-2734H-6	33053086060000			
	AN-BOHMBACH-153-94-2734H-7	33053086050000			
	AN-BOHMBACH-153-94-2734H-9	33053086040000			
	AN-DINWOODIE-153-94-2833H-1				
	AN-GUDBRANSON-LW-153-94-2215H-1	33053033470000 33053078950000			
	AN-DINWOODIE-153-94-2833H-2				
N-Dinwoodie/Gudbranson MW Pad	AN-DINWOODIE-153-94-2833H-3	33053076900000 33053076910000	Attached		
	AN-DINWOODIE-LE-153-94-2833H-1	33053076920000			
	AN-DINWOODIE-153-94-2833H-4	33053078860000			
	AN-DINWOODIE-153-94-2833H-5	33053078870000			
N-Dinwoodie-153-94-2833 H-4,H-5,H-6,H-7,H-8	AN-DINWOODIE-153-94-2833H-6	33053078880000	Attached		
	AN-DINWOODIE-153-94-2833H-7	33053078890000			
	AN-DINWOODIE-153-94-2833H-8	33053078900000			
	AN-BRENNA-153-94-3130H-2	33053069690000			
	AN-BRENNA-153-94-3130H-3	33053069680000			
	AN-BRENNA-153-94-3130H-4	33053069670000			
	AN-BRENNA-LW-153-94-3130H-1	33053069660000			
N-Evenson-152-95 MW Pad (North 0310H2-5)	AN-EVENSON-152-95-0310H-2	33053050270000	Attached		
	AN-EVENSON-152-95-0310H-3	33053050260000			
	AN-EVENSON-152-95-0310H-4	33053050250000			
	AN-EVENSON-152-95-0310H-5	33053050240000			
	AN-GUDBRANSON-153-94-2215H-1	33053032600000			
	AN-GUDBRANSON-153-94-2215H-2	33053037170000			
	AN-GUDBRANSON-153-94-2215H-3	33053054510000			
	AN-GUDBRANSON-153-94-2215H-4	33053054520000			
	AN-GUDBRANSON-153-94-2215H-5	33053054530000			
450 04 450 0	AN-GUDBRANSON-153-94-2215H-6	33053054540000	A 1		
AN-Gudbranson 153-94 MW Pad	AN-GUDBRANSON-153-94-2215H-7	33053054550000	Attached		
	AN-GUDBRANSON-153-94-2215H-8	33053079990000			

Facility Name	Associated Wells	API#	Fugitive Emission Survey Report	
	AN-GUDBRANSON-153-94-2215H-9	33053079980000		
	AN-GUDBRANSON-153-94-2215H-10	33053079970000		
	AN-GUDBRANSON-153-94-2215H-11	33053079960000		
	AN-GUDBRANSON-153-94-2215H-12	33053079950000	-	
	AN-LONE TREE-152-95-1207H-1	33053064440000		
AN-Lone Tree MW Pad (H1-3)	AN-LONE TREE-152-95-1207H-2	33053080230000	Attached	
it bone nee sitt the fitt of	AN-LONE TREE-152-95-1207H-3	33053080220000	- Triumineur	
	AN-PROSSER-152-95-1102H-10	33053065370000		
	AN-PROSSER-152-95-1102H-5	33053065320000		
	AN-PROSSER-152-95-1102H-6	33053065330000	1 1 2 2 4 2 1	
N-Prosser 152-95-1102H5-10	AN-PROSSER-152-95-1102H-7	33053065340000	Attached	
	AN-PROSSER-152-95-1102H-8	33053065350000		
	AN-PROSSER-152-95-1102H-9	33053065360000		
		3305305360000		
	BB-BUDAHN A 150-95-0403H-10	33053056220000	-	
	BB-BUDAHN A-150-95-0403H-6 BB-BUDAHN A-150-95-0403H-7	33053056220000	-	
BB-Budahn A/Budahn-150-95-0403H-			-	
	BB-BUDAHN A-150-95-0403H-8	33053056200000	Attached	
,7,8,9,10/0506H-6,7LSH-1	BB-BUDAHN A-150-95-0403H-9	33053056190000	Attached	
	BB-BUDAHN A-LS-150-95-0403H-1	33053058240000		
	BB-BUDAHN-150-95-0506H-6	33053071290000		
	BB-BUDAHN-150-95-0506H-7	33053071300000		
	BB-BUDAHN-LS-150-95-0506H-1	33053073770000		
	BB-CHAPIN A-151-95-0403H-2	33053074850000		
	BB-CHAPIN A-151-95-0403H-3	33053074860000		
	BB-CHAPIN A-151-95-0403H-4	33053074870000		
	BB-CHAPIN A-151-95-0403H-5	33053074880000		
	BB-CHAPIN A-151-95-0403H-6	33053074890000	6 5 5 5 5 2 7	
B-Chapin A North Pad (H2-6)	BB-Chapin-151-95-0506H-5	33053082590000	Attached	
	BB-Chapin-151-95-0506H-6	33053082600000		
	BB-Chapin-151-95-0506H-7	33053082610000		
	BB-Chapin-151-95-0506H-8	33053082620000		
	BB-Chapin-151-95-0506H-9	33053082630000		
	BB-Chapin-151-95-0506H-10	33053061970000		
	BB-CHAPIN A-151-95-0403H-10	33053061970000		
	BB-CHAPIN A-151-95-0403H-7	33053061940000		
	BB-CHAPIN A-151-95-0403H-8	33053061950000		
	BB-CHAPIN A-151-95-0403H-9	33053061960000		
	BB-CHAPIN A-LS-151-95-0403H-1	33053061980000		
	BB-CHAPIN-151-95-0506H-2	33053048120000		
	BB-CHAPIN-151-95-0506H-4	33053048140000		
	BB-FEDERAL-151-95-0817H-2	33053064830000		
B-Chapin South Pad	BB-FEDERAL-151-95-0817H-3	33053064820000	Attached	
•	BB-FEDERAL-151-95-0817H-4	33053064810000		
	BB-FEDERAL-151-95-0817H-5	33053064800000		
	BB-FEDERAL-151-95-0817H-6	33053064790000		
	BB-FEDERAL A-151-95-0910H-2	33053065230000		
	BB-FEDERAL A-151-95-0910H-3	33053065240000	1	
	BB-FEDERAL A-151-95-0910H-4	33053065250000	1	
	BB-FEDERAL A-151-95-0910H-5	33053065260000		
	BB-FEDERAL A-151-95-0910H-6	33053065270000		

Facility Name	Associated Wells	API#	Fugitive Emissic Survey Report			
	BB-EIDE-151-95-3328H-3	33053066590000				
	BB-EIDE-151-95-3328H-4	33053066600000				
	BB-EIDE-151-95-3328H-5	33053066610000				
BB-EIDE-151-95-3328H-3,4,5,6,7,LE H-1	BB-EIDE-151-95-3328H-6	33053066620000	Attached			
	BB-EIDE-151-95-3328H-7	33053066630000				
	BB-EIDE-LE-151-95-3328H-1	33053066640000				
	BB-FEDERAL-151-95-1708H-10	33053074790000				
	BB-FEDERAL-151-95-1708H-11	33053074800000				
B-Federal W Pad	BB-FEDERAL-151-95-1708H-7	33053074760000	Attached			
b-reactar W rad	BB-FEDERAL-151-95-1708H-8	3305307470000	Tatticated			
	BB-FEDERAL-151-95-1708H-9	33053074770000				
	BB-LARS ROTHIE-LW-151-95-3229H-1	33053074780000				
	BB-LARS ROTHIE-LW-151-95-3229H-8	33053076750000				
B-Lars Rothie West Pad (H5-8, LW H-1)	BB-LARS ROTHIE-151-95-3229H-7	33053076740000	Attached			
b-Lars Route West Fad (F15-6, LW F1-1)			Attached			
	BB-LARS ROTHIE-151-95-3229H-6	33053076730000	-			
	BB-LARS ROTHIE-151-95-3229H-5	33053076720000				
	BB-OLE ANDERSON-151-95-3130H-4	33053065050000				
	BB-OLE ANDERSON-151-95-3130H-5	33053065060000	24.4			
B-OLE ANDERSON-151-95-3130H-4,5,6,7,8	BB-OLE ANDERSON-151-95-3130H-6	33053065070000	Attached			
	BB-OLE ANDERSON-151-95-3130H-7	33053065080000				
	BB-OLE ANDERSON-151-95-3130H-8	33053065090000				
	BB-SIGRID LOOMER-150-95-0817H-4	33053081240000	-			
	BB-SIGRID LOOMER-150-95-0817H-5	33053081250000				
	BB-SIGRID LOOMER-150-95-0817H-6	33053081260000				
B-Sigrid Loomer Pad	BB-SIGRID LOOMER-150-95-0817H-7	33053081270000	Attached			
	BB-SIGRID LOOMER-150-95-0817H-8	33053081280000				
	BB-SIGRID LOOMER-150-95-0817H-9	33053081290000				
	BB-SIGRID LOOMER-LW-150-95-0817H-1	33053081300000				
	BB-LARS ROTHIE-151-95-2932H-2	33053077370000				
	BB-LARS ROTHIE-151-95-2932H-3	33053077380000				
	BB-LARS ROTHIE-151-95-2932H-4	33053077390000				
	BB-LARS ROTHIE-LE-151-95-2932H-1	33053077400000				
	BB-SIVERTSON-151-95-2019H-6	33053072340000				
P. Charles CF / F. Jan 1 P. P. 1/1 and Parkin	BB-SIVERTSON-151-95-2019H-7	33053072350000	Attached			
B-Sivertson SE / Federal B Pad/Lars Rothie	BB-SIVERTSON-LS-151-95-2019H-1	33053072330000	Attached			
	BB-FEDERAL B-151-95-2122H-6	33053080820000				
	BB-FEDERAL B-151-95-2122H-7	33053080810000				
	BB-FEDERAL B-151-95-2122H-8	33053080800000				
	BB-FEDERAL B-151-95-2122H-9	33053080790000				
	BB-FEDERAL B-151-95-2122H-10	33053080780000				
	BL-A IVERSON-155-96-1312H-4	33105043250000				
	BL-A IVERSON-155-96-1312H-5	33105043240000				
L-A Iverson 2 Pad (H4-7, LE H-1)	BL-A IVERSON-155-96-1312H-6	33105043230000	Attached			
211100000000000000000000000000000000000	BL-A IVERSON-155-96-1312H-7	33105043220000				
	BL-A IVERSON-LE-155-96-1312H-1	33105043210000	-			
	BL-DAVIDSON-155-96-0211H-5	33105040680000	1			
	BL-DAVIDSON-155-96-0211H-6	33105040670000				
L-Davidson 155-95-96 MW Pad	BL-DAVIDSON-155-96-0211H-7	33105040660000	Attached			
L-Davidson 155-55-70 MW 1 ad		33105042300000	rusched			
	BL-DAVIDSON-156-96-3526H-7		-			
	BL-DAVIDSON-156-96-3526H-8	33105040900000				
	BL-IVERSON C-155-96-1423H-2	33105040350000	-			
T. I. C.D. I	BL-IVERSON C-155-96-1423H-3	33105037230000	Attacked			
L-Iverson C Pad	BL-IVERSON C-155-96-1423H-4	33105040360000 33105037240000	Attached			
	BL-IVERSON C-155-96-1423H-5					

Facility Name	Associated Wells	API#	Fugitive Emission Survey Report		
	BW-ERLER-149-99-1522H-4	33053061810000			
	BW-ERLER-149-99-1522H-5	33053061820000			
2015 1 . // 1 140 00 1 W/D 1 /F	BW-ERLER-LE-149-99-1522H-1	33053061830000	*****		
BW-Erler/Johnson 149-99 MW Pad (East)	BW-JOHNSON-149-99-1003H-4	33053061780000	Attached		
	BW-JOHNSON-149-99-1003H-5	33053061790000			
	BW-JOHNSON-149-99-1003H-6	33053061800000			
	BW-Hedstrom-149-100-1201H-5	33053079940000	777 277		
BW-Hedstrom H4-5, LW H-1	BW-Hedstrom-LW-149-100-1201H-1	33053066460000	Attached		
	BW-ERLER-149-99-1522H-4	33053057450000			
	BW-ERLER-149-99-1522H-5	33053058160000	1		
BW-RPeterson Kraetsch H4-5	BW-ERLER-LE-149-99-1522H-1	33053057460000	Attached		
	BW-JOHNSON-149-99-1003H-4	33053058170000			
	CA-ANDERSON SMITH-155-96-2635H-2	33105042120000			
	CA-ANDERSON SMITH-155-96-2635H-3	33105042130000			
	CA-ANDERSON SMITT-155-96-2635H-4	33105042150000			
CA-Anderson Smith Pad 2			Attached		
	CA-ANDERSON SMITH-155-96-2635H-5	33105042140000			
	CA-ANDERSON SMITH-155-96-2635H-6	33105042160000			
	CA-ANDERSON SMITH-LE-155-96-2635H-1	33105042110000	-		
	CA-E BURDICK-155-95-2017H-2	33105046690000			
	CA-E BURDICK-155-95-2017H-3	33105046700000	Attached		
A-E Burdick East Pad	CA-E BURDICK-155-95-2017H-4	33105046710000			
	CA-E BURDICK-155-95-2017H-5	33105046720000			
	CA-E BURDICK-155-95-2017H-6	33105046730000			
	CA-E BURDICK-LE-155-95-2017H-1	33105048860000			
	CA-E Burdick-155-95-2017H-7	33105045190000			
	CA-E Burdick-155-95-2017H-8	33105045180000			
	CA-E Burdick-155-95-2017H-9	33105045170000			
	CA-E Burdick-155-95-2017H-10	33105045160000	Attached		
A F F (F P di d. P- 4	CA-Ferguson Smith-LE-155-95-3031H-1	33105048490000			
CA-Ferguson Smith/E Burdick Pad	CA-Ferguson Smith-155-95-3031H-5	33105048450000	Attached		
	CA-Ferguson Smith-155-95-3031H-6	33105048460000			
	CA-Ferguson Smith-155-95-3031H-7	33105048470000			
	CA-Ferguson Smith-155-95-3031H-8	33105048480000			
	CA-E Burdick-LW-155-95-2017H-1	33105039610000			
	CA-FERGUSON SMITH-155-95-3031H-2	33105037500000			
	CA-FERGUSON SMITH-155-95-3031H-3	33105037490000	mm. 145.4.		
A-FERGUSON-SMITH-155-95-3031H2-4LW1	CA-FERGUSON SMITH-155-95-3031H-4	33105037480000	Attached		
	CA-FERGUSON SMITH-LW-155-95-3031H-1	33105039610000			
	CA-RUSSELL SMITH-155-96-2425H-1	33105040970000			
	CA-RUSSELL SMITH-155-96-2425H-2	33105040980000			
	CA-RUSSELL SMITH-155-96-2425H-3	33105040990000			
A Boom II Could Lin 7			Attached		
A-Russell Smith H1-7	CA-RUSSELL SMITH-155-96-2425H-4	33105040100000	Attached		
	CA-RUSSELL SMITH-155-96-2425H-5	33105041010000	-		
	CA-RUSSELL SMITH-155-96-2425H-6	33105041020000			
	CA-RUSSELL SMITH-155-96-2425H-7	33105041030000			
	CA-STANGELAND-155-95-2128H-1	33105024150000			
MILTONIA DE SELSE SERVICES DE LA CONTRACTOR DE LA CONTRAC	CA-STANGELAND-155-95-2128H-10	33105042030000	Co. 1914		
A-STANGELAND-155-95-2128H-1,2,8,9,10	CA-STANGELAND-155-95-2128H-2	33105024160000	Attached		
	CA-STANGELAND-155-95-2128H-8	33105042010000			
	CA-STANGELAND-155-95-2128H-9	33105042020000			
	EN-CVANCARA-155-93-1522H-10	33061033940000			
	EN-CVANCARA-155-93-1522H-5	33061037720000			
	EN-CVANCARA-155-93-1522H-6	33061037710000	1		
N-Cvancara H5-10, LE H1-2	EN-CVANCARA-155-93-1522H-7	33061032750000	Attachad		
AA-CAMICATA LID-10/, LE 171-5	EN-CVANCARA-155-93-1522H-8	33061032760000	Attached		

Facility Name	Associated Wells	API #	Fugitive Emissio Survey Report	
	EN-CVANCARA-155-93-1522H-9	33061032770000		
	EN-CVANCARA-LE-155-93-1522H-1	33061037730000		
	EN-CVANCARA-LE-155-93-1523H-2	33061038490000		
	EN-DOBROVOLNY A-155-94-2413H-4	33061030650000		
	EN-DOBROVOLNY A-155-94-2413H-5	33061030660000		
	EN-DOBROVOLNY A-155-94-2413H-6	33061030670000		
N-Dobrovolny A H4-7	EN-DOBROVOLNY A-155-94-2413H-7	33061030680000	Attached	
1, 2001, 100%, 1011, 1	EN-DOBROVOLNY A-155-94-2413H-8	33061042400000		
	EN-DOBROVOLNY A-155-94-2413H-9	33061042390000		
	EN-DOBROVOLNY A-155-94-2413H-10	33061042380000		
	EN-FARHART-156-93-0409H-1	33061029600000		
	EN-FARHART-156-93-0409H-2	33061029590000		
	EN-FARHART-156-93-0409H-3	33061029580000		
N-Farhart Pad	EN-FARHART-156-93-0409H-4	33061043600000	Attached	
n-raman Pau	EN-FARHART-156-93-0409H-5	33061043590000	1 12 12 12 14 14	
	EN-FARHART-156-93-0409H-6	33061043580000		
	EN-FARHART-156-93-0409H-7	33061043570000		
	EN-FRANDSON-154-93-2116H-1	33061013790000		
	EN-FRANDSON-154-93-2116H-2	33061013800000		
	EN-FRANDSON-154-93-2116H-3	33061013810000	-	
	EN-FRANDSON-154-93-2116H-4	33061026420000	-	
	EN-FRANDSON-154-93-2116H-5	33061026430000		
	EN-FRANDSON-154-93-2116H-6	33061026440000	-	
	EN-FRANDSON-154-93-2116H-7	33061036610000		
	EN-FRANDSON-154-93-2116H-8	33061036620000		
		33061036630000		
	EN-FRANDSON-154-93-2116H-9			
	EN-MEIERS-154-93-24H-1	33061015030000		
	EN-MEIERS-154-93-24H-2	33061020910000	-	
	EN-MEIERS-154-93-24H-3	33061020900000		
	EN-RUUD-154-93-2734H-2	33061025520000		
	EN-RUUD-LE-154-93-2734H-1	33061038840000	-	
	EN-RUUD-LE-154-93-2735H-2	33061038820000	-	
	EN-STATE D-154-93-2635H-1	33061015160000		
	EN-STATE D-154-93-2635H-10	33061027890000		
	EN-STATE D-154-93-2635H-2	33061022570000		
	EN-STATE D-154-93-2635H-3	33061022580000		
	EN-STATE D-154-93-2635H-4	33306102259000		
	EN-STATE D-154-93-2635H-5	33061022600000		
	EN-STATE D-154-93-2635H-6	33061027850000		
	EN-STATE D-154-93-2635H-7	33061027860000		
	EN-STATE D-154-93-2635H-8	33061027870000		
	EN-STATE D-154-93-2635H-9	33061027880000		
N-South Horst 50-93 Bakken Facility	EN-TRINITY-154-93-2833H-1	33061013820000	Attached	
Towns I will so you banked Facility	EN-TRINITY-154-93-2833H-2	33061013830000	- macinet	
	EN-TRINITY-154-93-2833H-3	33061013840000		
	EN-TRINITY-154-93-2833H-4	33061024740000		
	EN-TRINITY-154-93-2833H-5	33061024750000		
	EN-TRINITY-154-93-2833H-7	33061030290000		
	EN-TRINITY-154-93-2833H-8	33061030300000		
	EN-TRINITY-154-93-2833H-9	33061030310000		
	EN-URAN A-154-93-2215H-1	33061014720000		
	EN-URAN A-154-93-2215H-12	33061032490000		
	EN-URAN A-154-93-2215H-5	33061032500000		
	EN-URAN A-154-93-2215H-6	33061032510000		
	EN-URAN A-154-93-2215H-7	33061032520000		

Facility Name	Associated Wells	API#	Fugitive Emissi Survey Repor		
	EN-URAN A-154-93-2215H-8	33061032530000			
	EN-URAN A-154-93-2215H-9	33061032540000			
	EN-URAN A-LE-154-93-2214H-2	33061038830000	-		
	EN-URAN A-LE-154-93-2215H-1	33061038810000			
	EN-WEYRAUCH B-154-93-3031H-1	33061038810000	-		
	EN-WEYRAUCH B-154-93-3031H-1	33061017570000	-		
		33061017360000			
	EN-WEYRAUCH-154-93-1918H-1 EN-WEYRAUCH-154-93-1918H-2	33061014960000			
			+		
	EN-WEYRAUCH-154-93-1918H-4	33061024950000	-		
	EN-WEYRAUCH-154-93-1918H-5	33061024940000	-		
	EN-WEYRAUCH-154-93-1918H-6	33061024930000	-		
	EN-WEYRAUCH-154-93-1918H-7	33061024920000	-		
	EN-WEYRAUCH-154-93-1918H-8	33061024910000			
	EN-WEYRAUCH-154-93-1918H-9	33061027840000			
	EN-FREDA-154-94-2635H-1	33061025390000			
	EN-FREDA-154-94-2635H-10	33061039080000	4		
	EN-FREDA-154-94-2635H-11	33061039090000	1		
	EN-FREDA-154-94-2635H-12	33061039100000	4		
	EN-FREDA-154-94-2635H-2	33061025400000			
	EN-FREDA-154-94-2635H-3	33061031010000			
	EN-FREDA-154-94-2635H-4	33061031020000			
N-Freda/Leo	EN-FREDA-154-94-2635H-5	33061031030000	Attached		
	EN-FREDA-154-94-2635H-6	33061031040000	11 111111111111111111111111111111111111		
	EN-FREDA-154-94-2635H-7	33061031050000	1		
	EN-FREDA-154-94-2635H-8	33061039060000			
	EN-FREDA-154-94-2635H-9	33061039070000			
	EN-LEO-154-94-2324H-1	33061025380000			
	EN-LEO-154-94-2324H-2	33061027820000			
	EN-LEO-154-94-2324H-3	33061027830000			
	EN-DAKOTA N-155-94-211609H-1	33061020240000			
	EN-DAKOTA N-155-94-211609H-2	33061020230000	-		
	EN-DAKOTA N-155-94-211609H-3	33061020220000	-		
	EN-DAKOTA S-155-94-211609H-4	33061020250000	-		
	EN-DAKOTA S-155-94-211609H-5		-		
		33061020260000	-		
	EN-DAKOTA S-155-94-211609H-6	33061020270000			
	EN-JOHNSON A-155-94-2932H-1	33061016290000	-		
	EN-JOHNSON A-155-94-2932H-2	33061016310000			
	EN-JOHNSON A-155-94-2932H-3	33061016330000			
	EN-JOHNSON A-155-94-2932H-5	33061030910000			
	EN-JOHNSON-155-94-2017H-1	33061016280000			
	EN-JOHNSON-155-94-2017H-2	33061016300000			
N-Johnson 56-101 Bakken Facility	EN-JOHNSON-155-94-2017H-3	33061016320000	Attached		
	EN-JOHNSON-155-94-2017H-4	33061028430000			
	EN-JOHNSON-155-94-2017H-5	33061028420000			
	EN-JOHNSON-155-94-2017H-6	33061028410000			
	EN-KIESEL-155-94-1918H-1	33061033290000			
	EN-KIESEL-155-94-1918H-2	33061015540000			
	EN-KIESEL-155-94-1918H-4	33061033300000			
	EN-KIESEL-LE-155-94-1917H-2	33061034920000			
	EN-KIESEL-LE-155-94-1918H-1	33061034930000			
	EN-NELSON-155-94-2833H-6	33061032630000			
	EN-NELSON-155-94-2833H-7	33061032620000			
	EN-NELSON-155-94-2833H-8	33061032620100			
	EN-NELSON-155-94-2833H-9	33061032620100			
	EN-IEFFREY A-155-94-2734H-1	3061020860000			

Facility Name	Associated Wells	API#	Fugitive Emissio Survey Report			
	EN-JEFFREY A-155-94-2734H-2	33061020850000				
	EN-JEFFREY A-155-94-2734H-3	33061020820000				
	EN-JEFFREY A-155-94-2734H-4	33061032250000				
	EN-JEFFREY A-155-94-2734H-5	33061032260000				
1970-003-004-00-00-00-00-00-00-00-00-00-00-00-00	EN-JEFFREY A-155-94-2734H-6	33061032270000	1			
EN-JEFFREY/JEFFREY A-155-94-2215 Pad	EN-JEFFREY A-155-94-2734H-7	33061032280000	Attached			
	EN-JEFFREY A-155-94-2734H-8	33061032290000				
	EN-JEFFREY A-155-94-2734H-9	33061032300000				
	EN-JEFFREY-155-94-2215H-1	33061020870000				
	EN-JEFFREY-155-94-2215H-2	33061020850000				
	EN-JEFFREY-155-94-2215H-3	33061020830000				
	EN-DAKOTA N-155-94-211609H-1	33061020240000				
	EN-DAKOTA N-155-94-211609H-2	33061020230000				
	EN-DAKOTA N-155-94-211609H-3	33061020220000				
	EN-DAKOTA S-155-94-211609H-4	33061020250000				
EN-KMJ URAN-154-93-2734	EN-DAKOTA S-155-94-211609H-5	33061020260000	7			
	EN-DAKOTA S-155-94-211609H-6	33061020270000				
	EN-IOHNSON A-155-94-2932H-1	33061016320000				
	EN-IOHNSON A-155-94-2932H-2	33061016310000				
	EN-JOHNSON A-155-94-2932H-3	33061016330000	-			
	EN-JOHNSON A-155-94-2932H-5	33061030910000				
	EN-JOHNSON-155-94-2017H-1	33061036910000				
	EN-JOHNSON-155-94-2017H-1	33061016300000				
	EN-JOHNSON-155-94-2017H-3	33061016320000	Attached			
	EN-JOHNSON-155-94-2017H-4	33061028430000	Attacheu			
			-			
	EN-JOHNSON-155-94-2017H-5	33061028420000	-			
	EN-JOHNSON-155-94-2017H-6	33061028410000				
	EN-KIESEL-155-94-1918H-1	33061033290000				
	EN-KIESEL-155-94-1918H-2	33061015540000				
	EN-KIESEL-155-94-1918H-4	33061033300000	-			
	EN-KIESEL-LE-155-94-1917H-2	33061034920000				
	EN-KIESEL-LE-155-94-1918H-1	33061034930000				
	EN-NELSON-155-94-2833H-6	33061032630000				
	EN-NELSON-155-94-2833H-7	33061032620000				
	EN-NELSON-155-94-2833H-8	33061032610000				
	EN-NELSON-155-94-2833H-9	33061032600000				
	EN-KMJ URAN-154-93-2734H-10	33061037290000				
	EN-KMJ URAN-154-93-2734H-11	33061037260000				
	EN-KMJ URAN-154-93-2734H-5	33061028340000				
	EN-KMJ URAN-154-93-2734H-6	33061028330000				
	EN-KMJ URAN-154-93-2734H-7	33061028320000				
	EN-KMJ URAN-154-93-2734H-8	33061028310000				
N-KMI URAN-154-93-2734	EN-KMJ URAN-154-93-2734H-9	33061028300000	Attached			
IN-KM) UKAIN-154-95-2754	EN-KMJ URAN-LW-154-93-2733H-2	33061037280000	Attacheu			
	EN-KMJ URAN-LW-154-93-2734H-1	33061037270000				
	EN-KMJ URAN-154-93-2734H-10	33061037290000				
	EN-KMJ URAN-154-93-2734H-11	33061037260000				
	EN-KMJ URAN-LW-154-93-2733H-2	33061037280000				
	EN-KMJ URAN-LW-154-93-2734H-1	33061037270000				
	EN-KMJ URAN-LW-154-93-2734H-1	33061037270000				
	EN-L CVANCARA-155-93-2627H-10	33061033740000				
	EN-L CVANCARA-155-93-2627H-11	33061033750000				
N-L Cyancara H2-10	EN-L CVANCARA-155-93-2627H-7	33061033710000	Attached			
The same of the state of the state of the	EN-L CVANCARA-155-93-2627H-8	33061033720000				
	EN-L CVANCARA-155-93-2627H-9	33061033730000	1			

Facility Name	Associated Wells	API#	Fugitive Emissio Survey Report				
	EN-LEO E-154-94-2423H-11	33061037890000	1				
	EN-LEO E-154-94-2423H-12	33061040000000	1				
N-Leo E 154-94 MW Pad	EN-LEO E-154-94-2423H-10	33061037900000	Attached				
	EN-LEO E-154-94-2423H-9	33061037370000	1				
	EN-LEO E-154-94-2423H-8	33061037380000					
	EN-KULCZYK-154-94-2029H-5	33061037350000	1				
	EN-KULCZYK-154-94-2029H-7	33061037330000	1				
	EN-KULCZYK-154-94-2029H-6	33061037340000	1				
N-Madisyn LE Central Facility	EN-KULCZYK-154-94-2029H-8	33061037320000	Attached				
	EN-KULCZYK-154-94-2029H-9	33061037310000	1				
	EN-KULCZYK-154-94-2029H-10	33061037300000					
	EN-PEDERSON-LW-154-94-0408H-5	33061038420000					
	EN-PEDERSON-LW-154-94-0408H-6	33061038430000	in but				
N-Nelson/Pederson	EN-PEDERSON-LW-154-94-0408H-7	33061038440000	Attached				
	EN-PEDERSON-LW-154-94-0408H-8	33061038450000					
	EN-SKABO TRUST-155-93-0631H-7	33061037610000					
	EN-SKABO TRUST-155-93-0631H-6	33061037600000					
N-Skabo Trust 155-93 Central Facility	EN-SKABO TRUST-155-93-0631H-5	33061037590000	Attached				
a control and a control and a control	EN-SKABO TRUST-155-93-0631H-4	33061037580000	1000000				
	EN-REHAK-LE-155-93-0718H-1	33061039290000	-				
	EN-VACHAL-LW-155-93-0532H-1	33061038250000					
	EN-VACHAL-155-93-0532H-9	33061038240000					
N-Vachal 155-93 MW Pad	EN-VACHAL-155-93-0532H-8	33061038230000	Attached				
av-vachar 155-55 MW Fau	EN-VACHAL-155-93-0532H-7	33061038220000	retached				
		33061038210000					
	EN-VACHAL-155-93-0532H-6	33061036210000	_				
	EN-VP AND R-154-94-2536H-5		-				
	EN-VP AND R-154-94-2536H-6	33061036990000	Attached				
	EN-VP AND R-154-94-2536H-7	33061036700000					
EN-VP and R 154-94 MW Pad	EN-VP AND R-154-94-2536H-8	33061036701000					
	EN-VP AND R-154-94-2536H-9	33061040820000	-				
	EN-VP AND R-154-94-2536H-10	33061040830000					
	EN-VP AND R-154-94-2536H-11	33061040840000					
	EN-VP AND R-154-94-2536H-12	33061040850000	-				
	EN-WEYRAUCH C-154-93-2932H-10	33061034700000					
	EN-WEYRAUCH C-154-93-2932H-5	33061034550000					
N-Weyrauch C 154-93 MW Pad	EN-WEYRAUCH C-154-93-2932H-6	33061034560000	Attached				
	EN-WEYRAUCH C-154-93-2932H-7	33061034570000					
	EN-WEYRAUCH C-154-93-2932H-8	33061034580000					
	EN-WEYRAUCH C-154-93-2932H-9	33061034590000					
	GO-VINGER-156-98-2116H-2	33105044490000					
GO-Vinger/Bergstrom MW Pad	GO-VINGER-156-98-2116H-3	33105044480000	Attached				
30-vinger/ bergsholl with rad	GO-VINGER-156-98-2116H-4	33105044470000	Attached				
	GO-VINGER-156-98-2116H-5	33105044460000					
	HA-GRIMESTAD-152-95-3031H-4	33053072520000	A STATE OF THE STA				
	HA-GRIMESTAD-152-95-3031H-5	33053072530000					
	HA-GRIMESTAD-152-95-3031H-6	33053072540000					
IA Crimontal MW Park	HA-GRIMESTAD-LW-152-95-3031H-1	33053072550000	Attached				
IA-Grimestad MW Pad	HA-GRIMESTAD-152-95-3031H-7	33053076370000	Attached				
	HA-GRIMESTAD-152-95-3031H-8	33053076380000					
	HA-GRIMESTAD-152-95-3031H-9	33053076390000					
	HA-GRIMESTAD-LE-152-95-3031H-1	33053076400000					
	HA-ROLFSRUD-152-96-1720H-10	33053075700000					
	HA-ROLFSRUD-152-96-1720H-11	33053075690000					
	HA-ROLFSRUD-152-96-1720H-8	33053075720000					
	HA-ROLFSRUD-152-96-1720H-9	33053075710000					

Facility Name	Associated Wells	AP1#	Fugitive Emission Survey Report	
HA-Sanford/Rolfsrud Pad	HA-SANFORD-152-96-1819H-2	33053059870000	Attached	
	HA-SANFORD-152-96-1819H-3	33053059880000		
	HA-SANFORD-152-96-1819H-4	33053059890000		
	HA-SANFORD-152-96-1819H-5	33053059900000		
	HA-SANFORD-LE-152-96-1819H-1	33053059910000		
	HA-SANFORD-152-96-1819H-10	33053066440000		
	HA-SANFORD-152-96-1819H-6	33053066400000		
11A C(11K 10 11K 11	HA-SANFORD-152-96-1819H-7	33053066410000	Attached	
HA-Sanford H6-10, LW H-1	HA-SANFORD-152-96-1819H-8	33053066420000	Attached	
	HA-SANFORD-152-96-1819H-9	33053066430000		
	HA-SANFORD-LW-152-96-1819H-1	33053066450000		
	HA-STATE-152-95-1621H-5	33053071750000		
	HA-STATE-152-95-1621H-6	33053071740000		
III C. C. LINCE LETT S. LINCELL	HA-STATE-152-95-1621H-7	33053071730000	Cu. 1.1	
HA-State NW Pad (H5-9, LW H-1)	HA-STATE-152-95-1621H-8	33053071720000	Attached	
	HA-STATE-152-95-1621H-9	33053071710000		
	HA-STATE-LW-152-95-1621H-1	33053071700000		
450 05 N 11 E 11	HA-SWENSON-152-95-1819H-10	33053071240000	40.50	
HA-Swenson 152-95 Bakken Facility	HA-SWENSON-152-95-1819H-9	33053071250000	Attached	
	HA-CHAPIN-152-95-2932H-10	33053070830000		
	HA-CHAPIN-152-95-2932H-6	33053070790000		
	HA-CHAPIN-152-95-2932H-7	33053070800000	1	
HA-Thompson/Chapin	HA-CHAPIN-152-95-2932H-8	33053070810000	Attached	
	HA-CHAPIN-152-95-2932H-9	33053070820000		
	HA-CHAPIN-152-95-2932H-9	33053070820000		
	LK-QUILLIAM-147-97-1423H-2	33025026150000		
LK-Erickson/Quilliam H2-4	LK-QUILLIAM-147-97-1423H-3	33025026140000	Attached	
	LK-QUILLIAM-147-97-1423H-4	33025026130000	1	
	SC-1WX-152-99-0809H-6	33053078440000		
SC-1WX 8-1H/H6-8	SC-1WX-152-99-0809H-7	33053078450000	Attached	
and the state of t	SC-1WX-152-99-0809H-8	33053078460000		

Inspection OGI Inspection - AN-BRENNA/EVENSON LE	2/19/2019 11:40	Inspection End 2/19/2019 13:05	Ambient Temp (F)	Wind Direction S//9	(b) (9)	OGI Inspection	2/19/2019 Confirmed and Closed	2/19/2019 Pressure Relief Devices	Corrections Required T15316-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6778ACCESSIBLE FROM THE WALKWAY
OGI Inspection - AN-BRENNA/EVENSON LE	7/24/2019 9:35	7/24/2019 11:10	71	SE/11		OGI Inspection	7/24/2019 Confirmed and Closed	HP Flare 7/24/2019 Thief Hatch	HP FLARE-HP FLARE IS EMITTING BLACK SMOKE T15321*-THIEF HATCH LID VENTING (VITON)-MOV_7714
OGI Inspection - AIR-BRENNAY EVENSON LE	7/24/2019 9.33	//24/2019 11:10	/1	56/11		Odi inspection	7/24/2019 Commined and Closed	7/24/2019 Thei Hatch	T15317-THIEF HATCH LID VENITNG (TIN COVERED)-MOV_7717
									T15315-THIEF HATCH LID & GASKET VENITNG (VITON)-MOV_7716 T15313-THIEF HATCH LID VENTING (VITON)-MOV_7715
							F (no trace)		T15331*-THIEF HATCH LID VENTING (VITON)-MOV_7718
OGI Inspection - AN-DINWOODIE 44-99 FAC	5/21/2019 7:55	5/21/2019 8:40	46	E/8		OGI Inspection	5/21/2019 New New	HP Flare LP Flare	HP FLARE-THE HP FLARE IS EMITTING BLACK SMOKE LP FLARE-THE LP FLARE IS EMITTING BLACK SMOKE
OGI Inspection - AN-DINWOODIE 44-99 FAC	8/14/2018 8:50	8/14/2018 9:45	55	SSE/4		OGI Inspection	8/14/2018 Confirmed and Closed	8/15/2018 Thief Hatch	T9252-Thief Hatch lid venting (Viton)-Mov_6993 T9633*-Thief Hatch lid venting (Viton)-Mov_6996
									T9699-Thief Hatch lid venting (Viton)-Mov_6997
								8/20/2018 LP Vapor Line 8/15/2018 Thief Hatch	T9249-LP Tank Header is venting from the threads on the back union-Mov_6992Skitch picture was uploaded T9634*-Thief Hatch lid & gasket venting (Viton)-Mov_6994
	/./	. /. /						8/20/2018 LP Vapor Line	T9633*-LP Tank Header is venting from the right side of the T connection-Mov_6995Skitch picture was uploaded
OGI Inspection - AN-Dinwoodie/Gudbranson-153-94-2833/2215H-2,3,LWH-1/LWH-	1 1/4/2019 10:45	1/4/2019 12:55	39	WSW/13		OGI Inspection	1/4/2019 Confirmed and Closed	1/4/2019 Thief Hatch Pressure Relief Devices	T16214-THIEF HATCH LID IS LEAKING (BUNA), MOV_0394 T16217-PVRV IS LEAKING FROM PIPE OPENING. MOV_0393
OGI Inspection - AN-Dinwoodie/Gudbranson-153-94-2833/2215H-2,3,LWH-1/LWH-	1 7/24/2010 8-20	7/24/2019 9:20	70	SE/9		OGI Inspection	7/24/2019 Confirmed and Closed	7/25/2019 Pressure Relief Devices	T16221- PVRV IS LEAKING FROM PIPE OPENING. MOV_0392 T16223-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7713ACCESSIBLE FROM THE WALKWAY
Odi Inspection - An-Uniwoodie/Sudbranson-155-59-2655/2215h-2,5,644h-1/644h-	1 7/24/2019 0.20	7/24/2019 9.20	70	36/3		Odrinspection	7/24/2019 Committee and Closed	Thief Hatch	T16223-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7712
									T16211-THIEF HATCH LID VENTING (VITON)-MOV_7709 T16217-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7710
									T16222-THIEF HATCH LID & GSAKET VENTING (BUNA)-MOV_7711
OGI Inspection - AN-DINWOODIE-153-94-2833 H-4,H-5,H-6,H-7,H-8	5/21/2019 8:40	5/21/2019 9:20	51	E/13		OGI Inspection	5/21/2019 Confirmed and Closed	5/24/2019 Thief Hatch	T16213-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7708 T16501-THIEF HATCH LID VENTING. THE HATCH IS ON THE LEFT WITH WEIGHTS ATTACHED-MOV_7302SKITCH PICTURE WAS UPLOADED
OCCUPANTION AND ENTRY ON 152 OF LAW PO-1/N	1/2/2010 12-20	1/2/2010 12-05				0011	2/10/2010 Panding	NO Flore	-
OGI Inspection - AN-EVENSON-152-95 MW Pad (North 0310H-2,3,4,5)	1/2/2019 12:20	1/2/2019 13:05	28	W/15		OGI Inspection	2/19/2019 Pending Confirmed and Closed	HP Flare 5/10/2019 Pressure Relief Devices	DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE T11015-ENARDO PVRV IS VENTING FROM THE PRESSURE SIDE GASKET-MOV_67775KITCH PICTURE WAS UPLOADED EVENSON H4 ROW
OGI Inspection - AN-EVENSON-152-95 MW Pad (North 0310H-2,3,4,5)	7/3/2019 11:25	7/3/2019 13:05	63	ENE/6		OGI Inspection	7/3/2019 Confirmed and Closed	7/3/2019 Thief Hatch Pressure Relief Devices	T11012-THIEF HATCH LID VENTING (VITON)-MOV_7503 T11006*-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7498ACCESSIBLE FROM THE WALKWAY
								Pressure Relief Devices	T11010*-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_1498ACCESSIBLE FROM THE WALKWAY
								Thief Hatch	T11084-THIEF HATCH LID VENTING (VITON)-MOV_7502 T11006*-THIEF HATCH LID VENTING (VITON)-MOV_7499
OGI Inspection - AN-Gudbranson-153-94-2215H-1,2	11/26/2018 9:35	11/26/2018 13:05	15	E/4		OGI Inspection	11/26/2018 Confirmed and Closed	11/27/2018 Thief Hatch	T16205-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6523
								12/3/2018 11/27/2018	T16199-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6525 T16204-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6524
								11/27/2018 11/27/2018 Pressure Relief Devices	T16202-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6526 T16208*-ENARO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6516ACCESSIBLE FROM THE WALKWAY
								11/27/2018 Thief Hatch	T16208*-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6518
								12/3/2018 11/27/2018	T16206*-THIEF HATCH VENTING (LOCK-DOWN)-MOV_5521 T16207*-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6519
OGI Inspection - AN-Gudbranson-153-94-2215H-1,2	1/2/2019 10:45	1/2/2019 12:05	28	W/10		OGI Inspection	1/4/2019 Confirmed and Closed	1/22/2019 Connectors	TK-5202*- LEAK FROM CONNECTION BETWEEN THE TANK AND EQ LINE ON THE RIGHT SIDE OF TANK. PREVIOUSLY FIXED, STILL LEAKING. MOV_0384
							New Confirmed and Closed	HP Flare 1/4/2019 Pressure Relief Devices	HIGH PRESSURE FLARE- HP FLARE EMITTING BLACK SMOKE. T16208*- PVRV IS LEAKING FROM PIPE OPENING. MOV_0395
OGI Inspection - AN-Gudbranson-153-94-2215H-1,2, 3, 4, 5, 6, 7	7/22/2019 10:35	7/22/2019 13:05	75	ESE/4		OGI Inspection	7/22/2019 Confirmed and Closed	7/22/2019 Thief Hatch	T16199-THIEF HATCH VENTING (LOCK DOWN)-MOV_7689 T16205-ENARDO PVRV VENTING FROM THE PRESSURE SIDE/TOP CANISTER GASKET-MOV_7690
								7/24/2019 Pressure Relief Devices 7/22/2019 Thief Hatch	T10791-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7692
								7/29/2019 Pressure Relief Devices 7/24/2019 Thief Hatch	T10792-ENARDO PVRV VENTING FROM THE PRESSURE SIDE/TOP CANISTER GASKET-MOV_7696MANLIFT NEEDED FOR THIS FIXSKITCH PICTURE UPLOADED T16201-THIEF HATCH VENTING (LOCK DOWN)-MOV_7688
									T16202-THIEF HATCH VENTING (LOCK DOWN)-MOV_7687
								8/20/2019 LP Vapor Line 7/24/2019 Thief Hatch	T9541*-LP VAPOR LINE IS VENTING FROM THE THREADS.THE LEAK IS ON THE LEFT SIDE OF THE T CONNECTION-MOV_7693SKITCH PICTURE UPLOADED T16208*-THIEF HATCH VENTING (LOCK DOWN)-MOV_7681
									T9541*-EQ LINE IS VENTING FROM THE COLLOR THE COLLOR WAS PREVIOUSLY FIXED, THE LEAK IS ON THE RIGHT SIDE OF THE TANK-MOV_7694
								8/20/2019 Liq EQ Line	SKITCHPICUPLOADED
OGI Inspection - AN-Lone Tree Pad	10/30/2018 11:2	0 10/30/2018 12:10	43	WSW/16		OGI Inspection	10/30/2018 Confirmed and Closed	7/22/2019 Thief Hatch 11/9/2018 Other	T10792-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7697 T16332*-ANODE TO THE RIGHT OF THE THIEF HATCH IS VENTING.THE ANODE IS ON THE BACKSIDE OF THE TANK-MOV_0261
									T16333*-ANODE TO THE RIGHT OF THE THIEF HATCH IS VENTING. THE ANODE IS ON THE BACKSIDE OF THE TANK-MOV_0262
OGI Inspection - AN-PROSSER152-95-1102H5-10	8/2/2019 7:40	8/2/2019 9:25	64	ESE/5		OGI Inspection	8/2/2019 Confirmed and Closed	8/2/2019 Thief Hatch	T15959-THIEF HATCH VENTING (TIN COVERED)-MOV_7888
OGI Inspection - BB-BUDAHN A/BUDAHN-150-95-0403H-6,7,8,9,10/0506H-6,7LSH-1 OGI Inspection - BB-BUDAHN A/BUDAHN-150-95-0403H-6,7,8,9,10/0506H-6,7LSH-1			15 82	NNE/9 SE/10		OGI Inspection OGI Inspection	1/17/2019 Pending 8/2/2019 Confirmed and Closed	LP Flare 8/2/2019 Thief Hatch	LP FLARE-THE SOUTH LP FLARE IS EMITTING BLACK SMOKE (12:55 MIN/15:00), VIDEO ATTACHED T15104-THIEF HATCH LID VENTING (VITON)-MOV_7898
on inspection - service ry sourcine 230-35-010311-0,1,0,2,20,0001-0,1 care-	0/2/2027 22:33	0/2/2020 24:25	-	34,20		our mapeedon	of affairs committee and closed	5/2/2525 111611161611	T15109-THIEF HATCH LID VENTING (VITON)-MOV_7902
									T15110-THIEF HATCH LID VENTING (VITON)-MOV_7903 T15101-THIEF HATCH LID VENTING (VITON)-MOV_7900
									T15103-THIEF HATCH LID VENTING (VITON)-MOV_7899
									T15111-THIEF HATCH LID VENTING (VITON)-MOV_7904 T15105-THIEF HATCH LID VENTING (VITON)-MOV_7896
									T15114*-THIEF HATCH LID VENTING (VITON)-MOV_7906WATER TANKS ARE NOT AVAILABLE IN SAP
									T15116*-THIEF HATCH LID VENTING (VITON)-MOV_7909WATER TANKS ARE NOT AVAILABLE IN SAP T15108-THIEF HATCH LID VENTING (VITON)-MOV_7901
									T15115*-THIEF HATCH LID VENTING (VITON)-MOV_7907WATER TANKS ARE NOT AVAILABLE IN SAP T15112-THIEF HATCH LID VENTING (VITON)-MOV_7905
									T15117*-THIEF HATCH LID VENTING (VITON)-MOV_7910WATER TANKS ARE NOT AVAILABLE IN SAP
OGI Inspection - BB-Chapin A N Pad	1/22/2019 8:40	1/22/2019 10:00	17	WNW/11		OGI Inspection	1/22/2019 Confirmed and Closed	2/15/2019 HP Flare 2/1/2019 Thief Hatch	TRAILER MOUNT FLARE-THE TRAILER MOUNTED FLARE IS EMITTING BLACK SMOKE THIS FLARE IS NEXT TO THE DUEL TIP FLARE T16177-(TK5007) THIEF HATCH VENTING (LOCK-DOWN)-MOV_6733
									T16485-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6735THIS HATCH IS NOT IN SAP DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
OGI Inspection - BB-Chapin A N Pad	8/16/2018 12:50	8/16/2018 13:50	79	ESE/5		OGI Inspection	8/16/2018 Confirmed and Closed	10/7/2019 HP Flare 8/16/2018 Thief Hatch	T16180*-Thief Hatch lid venting (Viton)-Mov_1421
									T16175-Thief Hatch lid venting (Viton)-Mov_1426 T16172-Thief Hatch lid venting (Viton)-Mov_1424
									T16176-Thief Hatch lid venting (Viton)-Mov_1427
									T16181-Thief Hatch Ild venting (Viton)-Mov_1420 T16177-Thief Hatch Ild venting (Viton)-Mov_1423
OGI Inspection - B8-Chapin S Pad	6/18/2019 9:20	6/18/2019 10:45	64	SE/11		OGI Inspection	6/18/2019 Confirmed and Closed	6/21/2019 Thief Hatch	T16174-Thief Hatch Ild venting (Viton)-Mov_1425 T10590*-THIEF HATCH LID VENTING (VITON)-MOV_7379
www.midphastori.com/mindprint of Edid	0, 20, 2023 3.30	7, 20, 2020 20,40	-			oospecton	of roles to committee and closed	-lestanes illetited	

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						Service Service Security	
Inspection	Inspection Start Inspection End	Ambient Temp (F)	Wind Direction Inspector	Inspection Type	Logged Date Action Item Status	Completed System	Corrections Required
Implection						Pressure Relief Devices	T15791-ENAROD PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7381ACCESSIBLE FROM THE WALKWAY
			(b) (9			Thief Hatch	T10585*-THIEF HATCH LID VENTING (VITON)-MOV_7378 T15794*-THIEF HATCH LID VENTING (VITON)-MOV_7380
OSU Inconting DR Sharin Cond	11/15/2018 10:50 11/15/2018 12:25	38	WNW/13	OGI Inspection	11/15/2018 Confirmed and Closed	12/3/2018 Connectors	TREATER BUILDING: THE BOTTOM OF THE T'CONNECTION ABOVE THE FUEL GAS SCRUBBER NEXT TO THE CHAPIN H-4 TREATER IS LEAKING FROM THE THREADS. THE CONNECTION IS ABOVE THE SCRUBBER AGAINST THE WALL, MOV_0379, SKITCH PICTURE ATTACHED
OGI Inspection - BB-Chapin S Pad	11/15/2018 10:50 11/15/2018 12:25	36	WWW/15	Odi ilispection	11/15/2016 Committed and Crosed	Thief Hatch	T10585*-THIEF HATCH LID IS LEAKING (VITON), MOV_0378
		40	41/4	OSI Inspection	1/11/2010 Pending	UD Floor	T10590*- THIEF HATCH LID IS LEAKING (VITON), MOV_0377
OGI Inspection - BB-EIDE-151-95-3328H-3,4,5,6,7,LE H-1	1/11/2019 8:35 1/11/2019 9:55	10	N/4	OGI Inspection	1/11/2019 Pending Confirmed and Closed	HP Flare 1/11/2019 Pressure Relief Devices	HP FLARE- FLARE IS EMITTING BLACK SMOKE (10:54 MIN/15:00), VIDEO ATTACHED. T16125*- PVRV IS LEAKING FROM PIPE OPENING, MOV_0432
							T16115- PVRV IS LEAKING FROM PIPE OPENING, MOV_0431
OGI Inspection - BB-EIDE-151-95-3328H-3.4.5.6.7.LE H-1	7/19/2019 9:15 7/19/2019 11:00	62	W/13	OGI Inspection	7/19/2019 Confirmed and Closed	7/19/2019 Thief Hatch	T16118- PVRV IS LEAKING FROM PIPE OPENING. MOV_0429 T16124*-THIEF HATCH LID VENITNG (VITON)-MOV_0035
Out inspection - be-line-232-33-332011-0/4/3/0// see 11-2	1/23/2023 323 1/23/2023 22:00	V.	11/20		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,	T16125*-THIEF HATCH LID VENTING (VITON)-MOV_0034
							T16123*-THIEF HATCH LID VENITNG (VITONO-MOV_0036 T16126*-THIEF HATCH LID VENTING (VITONO-MOV_0033
							T16112-THIEF HATCH VENTING (TIN COVERED)-MOV_0032
OGI Inspection - BB-Federal W Pad	3/19/2019 14:20 3/19/2019 15:35	36	W/16	OGI Inspection	3/19/2019 Confirmed and Closed	4/4/2019 Other	T16142*-THE ANODE TO THE LEFT OF THE THIEF HATCH IS LEAKING, NOT ACCESSIBLE, MOV_0686
						Thief Hatch Pressure Relief Devices	T16136- THIEF HATCH LID IS LEAKING (LOCKDOWN), MOV_0683 T16131- PVRV IS LEAKING FROM THE PIPE OPENING, MOV_0680
						Thief Hatch	T16129- THIEF HATCH LID IS LEAKING (LOCKDOWN), MOV_0681
						Flanges	T16137- THIEF HATCH LID IS LEAKING (LOCKDOWN), MOV_0682 T16135- THE VENT LINE FLANGE ABOVE THE HATCH IS LEAKING, MOV_0685
OGI Inspection - BB-Federal W Pad	10/29/2018 8:00 10/29/2018 9:00	45	SSE/4	OGI Inspection	10/29/2018 Confirmed and Closed	11/9/2018 Thief Hatch	T16136-Thief hatch bolts venting (Lock-Down Hatch)-Mov_6345
						Other Pressure Relief Devices	T16142*- The anode to the left of the thief hatch is venting, MOV_6342, skitch picture is attached. T16140*- Enardo PVRV venting from the front of the pipe- MOV_6341Accessible from the walkway
						Pressure Neller Devices	T16128-Enardo PVRV venting from the front of the pipe-MoV_6348Accessible from the walkway
							T16134-Enardo PVRV venting from the front of the pipe-Mov_6344Accessible from the walkway
						Other Pressure Relief Devices	T16438*- The anode to the left of the thief hatch is venting, MOV_6343, skitch picture attached. T16137-Enardo PVRV venting from the front of the pipe-Mov_6347Accessible from the walkway
OGI Inspection - BB-Lars Rothie W Pad	4/4/2019 13:55 4/4/2019 14:45	60	SW/17	OGI Inspection	4/4/2019 Confirmed and Closed	4/5/2019 Thief Hatch	T16285- THIEF HATCH LID IS LEAKING (VITON), MOV_0867
							T16289- THIEF HATCH LID IS LEAKING (VITON), MOV_0866 T16293- THIEF HATCH LID IS LEAKING (VITON), MOV_0868
							T16297*-THIEF HATCH LID IS LEAKING (VITON), MOV_0871
							T16291- THIEF HATCH LID IS LEAKING (VITON), MOV_0869 T16296*- THIEF HATCH LID IS LEAKING (VITON), MOV_0870
OGI Inspection - BB-Lars Rothle W Pad	10/29/2018 11:40 10/29/2018 12:45	46	SSW/8	OGI Inspection	10/29/2018 Confirmed and Closed	10/29/2018 Thief Hatch	T16287- Thief hatch lid is leaking (Viton), MOV_0253
		**		0.51	1/15/2010 P	UR Flore	DUAL TO FLADE. DUAL TO FLADE IC FAUTTHIC BLACK CMANE (11.40 MIN) (15.00 MIN). VIDEO ATTACLED
OGI Inspection - BB-OLE ANDERSON-151-95-3130H-4,5,6,7,8 OGI Inspection - BB-OLE ANDERSON-151-95-3130H-4,5,6,7,8	1/15/2019 13:45 1/15/2019 14:40 7/19/2019 7:45 7/19/2019 9:55	24 60	NNW/15 W/8	OGI Inspection	1/15/2019 Pending 7/19/2019 Confirmed and Closed	HP Flare 7/19/2019 Thief Hatch	DUAL TIP FLARE- DUAL TIP FLARE IS EMITTING BLACK SMOKE (11:49 MIN/15:00 MIN), VIDEO ATTACHED T15851*-THIEF HATCH LID VENTING (VITON)-MOV_0030
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,		T15841-THIEF HATCH LID VENTING (VITON)-MOV_0021
							T15842-THIEF HATCH LID VENTING (VITON)-MOV_0020 T15848-THIEF HATCH LID VENTING (VITON)-MOV_0026
							T15838-THIEF HATCH LID VENITNG (VITON)-MOV_0024
							T15852*-THIEF HATCH LID VENTING (VITON)-MOV_0027 T15844-THIEF HATCH LID VENTING (VITON)-MOV_0025
							T15850*-THIEF HATCH LID VENTING (VITON)-MOV_0031
							T15840-THIEF HATCH LID VENTING (VITON)-MOV_0022
OGI Inspection - BB-Sigrid Loomer Pad	1/17/2019 8:30 1/17/2019 10:05	18	N/8	OGI Inspection	1/17/2019 Confirmed and Closed	10/7/2019 HP Flare	T15839-THIEF HATCH LID VENTING (VITON)-MOV_0023 DUAL TIP FLARE- DUAL TIP FLARE IS EMITTING BLACK SMOKE (13:48 MIN/15:00 MIN), VIDEO ATTACHED
•	, , , , , , , , , , , , , , , , , , , ,					1/17/2019 Thief Hatch	T16414*- THIEF HATCH LID IS LEAKING (LOCKDOWN), MOV_0452
OGI Inspection - BB-Sigrid Loomer Pad	8/21/2018 7:15 8/21/2018 8:20	48	WSW/4	OGI Inspection	8/21/2018 Confirmed and Closed	4/17/2019 HP Flare 9/20/2018 Thief Hatch	DUEL TIP FLARE-THE DUEL TIP FLARE IS NOT LIT/EMITTING-MOV_6776 T16407- Thief Hatch Bolts/Gasket venting (Lock Down)-Mov_1501
od inspection - bo-signa cooner rad	5/24/2010 5/24				7,2,2020	Pressure Relief Devices	T16404-Enardo PVRV venting from the front of the pipe-Mov_1498Accessible from the catwalk
OCI In continue DD Charles CC / Sadaral D Dad/I are Dathia	2/40/2010 11.45 2/10/2010 14.15	36	W/16	OGI Inspection	3/19/2019 Confirmed and Closed	Other 4/2/2019 Other	T16418*-Anode to the left of the Thief Hatch is venting from the stem/black wire-Mov_14965kitch picture was uploaded T16261*- THE ANODE TO THE LEFT OF THE THIEF HATCH IS LEAKING, NOT ACCESSIBLE. MOV_0674
OGI Inspection - BB-Sivertson SE / Federal B Pad/Lars Rothie	3/19/2019 11:45 3/19/2019 14:15	36	W/16	OGI Inspection	3/19/2019 Confirmed and Closed	Thief Hatch	T16261*-THEE HATCH LID IS LEAKING (LOCKDOWN), MOV_0672
						Other	T16261*- THE ANODE TO THE RIGHT OF THE HATCH FURTHEST FROM THE CATWALK IS LEAKING, MANLIFT REQUIRED. MOV_0673
						Pressure Relief Devices	T16257- PVRV IS LEAKING FROM THE PIPE OPENING, MOV_0679 T16106*- THE PVRV IS LEAKING FROM THE PIPE OPENING, MOV_0675
							T16101- PVRV IS LEAKING FROM THE PIPE OPENING, MOV_0677
						Thief Hatch Pressure Relief Devices	T16260- THIEF HATCH LID IS LEAKING (LOCKDOWN), MOV_0678 T16098- THE PVRV IS LEAKING FROM THE PIPE OPENING, MOV_0676
OGI Inspection - BB-Sivertson SE / Federal B Pad/Lars Rothle	9/6/2018 7:25 9/6/2018 9:00	53	ESE/9	OGI Inspection	9/6/2018 Confirmed and Closed	9/6/2018 Thief Hatch	T16257-Thief hatch bolts venting (Lock-Down)-Mov_5804
						Thief Hatch Pressure Relief Devices	T16256-Thief hatch bolts venting (Lock-Down)-Mov_5805 T16448-Enardo PVRV is venting from the vacuum side/bottom canister lid-Mov_5806Federal H7-10 BatteryAccessible from the walkway Skitch picture was uploaded
OGI Inspection - BB-Sivertson SE / Federal B Pad/Lars Rothle	9/20/2018 7:00 9/20/2018 8:30	42	ENE/8	OGI Inspection	9/20/2018 Confirmed and Closed	9/20/2018 Thief Hatch	116448-Enardo PVKV is venting from the vacuum side/bottom canister lid-Mov_5806Federal H/-10 BatteryAccessible from the walkway Skitch picture was uploaded T16251-Thief hatch bolts venting (Lock-Down Hatch)-Mov_6004
						10/18/2018 Pressure Relief Devices	T16448-Enardo PVRV is venting from the pressure side/top canister gasket-Mov_6002Skitch picture was uploaded
OGI Inspection - BB-State-151-96-3625H-6-11, LW H-1	4/4/2019 13:05 4/4/2019 13:45	60	SW/18	OGI Inspection	4/4/2019 Confirmed and Closed	9/20/2018 Thief Hatch 4/23/2019 Pressure Relief Devices	T16251-Enardo PVRV venting from the front of the pipe-Mov_6005Accessible from the walkway T16380- PVRV IS LEAKING FROM PIPE OPENING, MOV_0865
was stephenium was and an analysis and self III'd	111111111111111111111111111111111111111						LW-H-1 TREATER BUILDING-THE THREADS TO THE RIGHT OF THE RED KIMRAY ARE LEAKING. THE KIMRAY IS LOCATED TO THE LEFT OF THE TREATER AND TO THE RIGHT AND
						4/30/2019 Connectors 4/23/2019 Pressure Relief Devices	ABOVE THE SCRUBBER POT. IT IS LEAKING FROM THE THREADS AROUND THE NUT. MOV_0863 T16374- PVRV IS LEAKING FROM PIPE OPENING, MOV_0864
OGI Inspection - BB-State-151-96-3625H-6-11, LW H-1	10/18/2018 10:00 10/18/2018 11:00	56	SW/11	OGI Inspection	10/18/2018 Confirmed and Closed	10/18/2018 Pressure Relief Devices	T16386*-Enardo PVRV venting from the front of the pipe-Mov_6299Accessible from the catwalk
OGI Inspection - BL-A IVERSON-155-96-1312H4,5,6,7,LE-H1	1/16/2019 11:50 1/16/2019 12:45	9	SE/9	OGI Inspection	1/16/2019 Confirmed and Closed	1/16/2019 Pressure Relief Devices	T16282*-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6724ACCESSIBLE FROM THE WALKWAY
OGI Inspection - BL-A IVERSON-155-96-1312H4,5,6,7,LE-H1	9/5/2018 10:45 9/5/2018 11:45	56	S 5-10	OGI Inspection	9/5/2018 Confirmed and Closed	9/27/2018 Transmitter	T16282* NE ANODE CENTER STEM (MANLIFT NEEDED) MOV_7168
						9/5/2018 Thief Hatch	T16282* THIEF HATCH LID (BLACK VITON BASE?) MOV_7167 T16277 THIEF HATCH LID (BLACK VITON BASE?) MOV_7165
							T16277 THIEF HATCH BOLTS (BLACK VITON BASE?) MOV_7164
						9/27/2018 Pressure Relief Devices	T16283* ENARDO PVRV LEAK FROM GASKET BETWEEN PRESSURE AND VACUUM CANISTERS (**NON-WMF WORK**) MOV_7166
OGI Inspection - BL-DAVIDSON-155-96 MW Pad	1/17/2019 9:15 1/17/2019 10:35	10	NNE/8	OGI Inspection	1/17/2019 Confirmed and Closed	9/5/2018 Thief Hatch 1/17/2019 Thief Hatch	T16275 THIEF HATCH LID (WRAPPED TANK) MOV_7169 T16032*-THIEF HATCH LID VENTING (VITON)-MOV_6728
	-, -, -, -, -, -, -, -, -, -, -, -, -, -						T16034*-THIEF HATCH LID VENTING (VITON)-MOV_6729
OGI Inspection - BL-DAVIDSON-155-96 MW Pad	9/6/2018 8:05 9/6/2018 9:15	57	SE 10	OGI Inspection	9/6/2018 Confirmed and Closed	9/6/2018 Thief Hatch	T16028-THIEF HATCH LID VENTING (VITON)-MOV_6727 T16024 THIEF HATCH LID (VITON BASE) MOV_7189
	-, -,				The state of the s		T16028 THIEF HATCH LID (VITON BASE) MOV_7195
							T16027 THIEF HATCH LID (VITON BASE) MOV_7192 T16023 THIEF HATCH LID (VITON BASE) MOV_7188

Part									
Columnition 1, Victorium 1, V	Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction Inspe	ctor Inspection Type	Logged Date Action Item Status	Completed System	
Columbian Colu					(6)	(3)			
Companion (A. A. Companion (A. Companion	OGI Inspection - BL-IVERSON C PAD	2/28/2019 10:05	2/28/2019 11:10	6	WSW/9	OGI Inspection	2/28/2019 Confirmed and Closed		
Part	OGI Inspection - BL-IVERSON C PAD	9/12/2018 10:00	9/12/2018 10:50	50	SE 10-15	OGI Inspection	9/12/2018 Confirmed and Closed		
Part	OGI Inspection - BW-ERLER/JOHNSON-149-99 MW Pad (East)	3/5/2019 13:05	3/5/2019 14:10	17	W/17	OGI Inspection	3/5/2019 Confirmed and Closed	4/2/2019 Pressure Relief Devices	
Projection for PULIS/CHOCKNESS 1987 No. 1/2 ACCOUNTS 1987 NO. 1/									T16021*- THE PVRV IS LEAKING FROM THE BOTTOM OF THE VACUUM CANISTER. THE CANISTER HAS SEPARATED FROM THE BASE. MOV_0544, SKITCH PICTURE ATTACHED
Trigon T									T16015- THIEF HATCH LID IS LEAKING (VITON), MOV_0546
Part	OGI Inspection - BW-ERLER/JOHNSON-149-99 MW Pad (East)	9/4/2018 11:40	9/4/2018 13:00	60	NNW/21	OGI Inspection	9/4/2018 Confirmed and Closed	9/6/2018 Thief Hatch	
Part									
Part									T16018-Thief hatch lid venting (Viton)-Mov_5763
									T16011-Thief hatch lid venting (Viton)-Mov_5761
Second Control Seco									
Triangle									
Part									T16010*-Thief hatch lid venting (Viton)-Mov_5757
Triple									T16000-Thief hatch lid venting (Viton)-Mov_5749
Miles									T16005-Thief hatch lid venting (Viton)-Mov_5752
March Marc								9/6/2018 Pressure Relief Devices	
Section Severe Section S								9/6/2018 Thief Hatch	
March Marc	OGI Inspection - BW-HEDSTROM-149-100-1201H-4,5,LWH-1	3/7/2019 8:35	3/7/2019 10:25	6	SE/11	OGI Inspection	3/7/2019 Confirmed and Closed	-,,	T16270*- THE ANODE ON THE LEFT SIDE OF THE PVRV, CLOSEST TO THE CATWALK IS LEAKING. NOT ACCESSIBLE. MOV_0575, SKITCH PICTURE ATTACHED
OGI Inspection - BW-HEDSTROM-148-100-1201H-1,5,1WH-1 9/5/2018 750 9/5/2018 905 47 F/3 P/3 P/5/2018 P/5									T16269*- THIEF HATCH LID IS LEAKING (VITON), MOV_0576
Ta2266-Thie Mache live verting (Viton)-Mov_3775 Ta2272-Thief hatch live verting (Viton)-Mov_3775 Ta227	OGI Inspection - BW-HEDSTROM-149-100-1201H-4,5,LWH-1	9/5/2018 7:50	9/5/2018 9:05	47	E/3	OGI Inspection	9/5/2018 Confirmed and Closed		T16274*-Thief hatch lid venting (Viton)-Mov_5773
OGI Inspection - BW-R PETERSON/KRAETSCH4,5 OGI Inspection - CA-Anderson Smith PAD 2 OGI Inspection - CA-E Burdick East Pad OGI Inspection - CA-E Burdick Pard OGI Inspection - CA-Erguson Smith/E Burdick Pard OGI Inspection - CA-Ferguson Sm									
CGI Inspection - BW-R PETERSON/KRAETSCH4,5 3/5/2019 11:50 3/5/2019 12:40 15 W/14 CGI Inspection - BW-R PETERSON/KRAETSCH4,5 S2/2018 9.35 3/5/2019 12:40 5 W/14 CGI Inspection - BW-R PETERSON/KRAETSCH4,5 S2/2018 9.35 S2/2018 9.35 S2/2018 10:20 5 S2/2018 9.35 S2/2018 10:20 5 S2/2019 9.30 S2/2019 10:10 5 S2/2019 9.30 S2/2019 10:10 5 S2/2019 9.30 S2/2019 10:10 5 W/14 W/14 S2/2018 Confirmed and Closed S/31/2018 Third Hatch TISOPO-PWIN SELENTACH ID IS LEARNON (WTON), MOV, OS39 TISOPO-PWIN SELENTACH ID IN THE PLATE ID IS LEARNON (WTON), MOV, OS39 TISOPO-PWIN SELENTACH ID IN THE PLATE ID									
Thief Hatch TL5074 - THIEF HATCH LID IS LEAKING (NTON), MOV_0539	OGLINSPECTION - RW-R PETERSON/KRAFTSCH4 5	3/5/2019 11:50	3/5/2019 12:40	16	W/14	OGI Inspection	3/5/2019 Confirmed and Closed	3/8/2019 Pressure Relief Devices	T16265-Thief hatch lid venting (Viton)-Mov_5776
OGI Inspection - BW-R PETERSON/RRAETSCH4,5 8/29/2018 9:35 8/29/2018 10:20 54 5/7 OGI Inspection OGI Inspection - CA-Anderson Smith PAD 2 OGI Inspection - CA-Anderson Smith PAD 2 OGI Inspection - CA-Anderson Smith PAD 2 OGI Inspection - CA-E Burdick East Pad OGI Inspection - CA-E Burdick East Pad OGI Inspection - CA-Ferguson Smith/E Burdick Pad OGI Inspection - CA-Ferguson Smith/E B	out inspection - bit in a standary more routing	5/5/2025 22:50	5/5/2022 22:10		,		-,-,		T15074- THIEF HATCH LID IS LEAKING (VITON), MOV_0537
OGI Inspection - CA-E Burdick East Pad OGI In	OGI Inspection - BW-R PETERSON/KRAETSCH4,5	8/29/2018 9:35	8/29/2018 10:20	54	S/7	OGI Inspection	8/29/2018 Confirmed and Closed		T15070-Thief hatch lid venting (Viton)-Mov_5653
Confirmed and Closed 5/2/2019 Thief Hatch IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7199SKITCH PICTURE W	OGI Inspection - CA-Anderson Smith PAD 2	5/22/2019 9:30	5/22/2019 10:10	52	NNE/18	OGI Inspection	5/22/2019 Confirmed and Closed		
T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_71985KITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16489-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_71975KITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP T16489-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_71975KITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP VRU BUILDING - THREADS INTO WEST SIDE OF PARKER MODEL 9SS6-1/4 TO WEST OF 300 PSI GAUGE MOV_7375 T16350* ANDDE 52018 (SE SIDE OF TANK - MANLIFT) MOV_7373 10/8/2018 Other VRU BUILDING - THREADS INTO SOUTH SIDE OF T CONNECTION BELOW PARKER MODEL 9SS6-1/4 (CHECK THREADS INTO VALVE ALSO) MOV_7576 10/17/2018 Transmitter T16361* ANDDE 5203A CENTER STEM (NE SIDE OF TANK - MANLIFT) MOV_7374	OGI Inspection - CA-E Burdick East Pad	5/1/2019 10:10	5/1/2019 11:15	39	WNW/4	OGI Inspection			
OGI Inspection - CA-Ferguson Smith/E Burdick Pad 9/24/2018 11:45 9/24/2018 12:45 46 NW 5-10 OGI Inspection 9/24/2018 Confirmed and Closed 10/8/2018 Confirmed and Closed 10/17/2018 Transmitter 10/17/2018 Transmitter 10/8/2018 Other 10							Confirmed and Closed	5/22/2019 Thief Hatch	T16490-LEFT THIEF HATCH IS VENTING FROM THE LID-MOV_7198SKITCH PICTURE WAS UPLOADED EQUIPMENT NOT AVAILABLE IN SAP
T16360* ANODE 5202B (SE SIDE OF TANK - MANLIFT) MOV_7373 10/8/2018 Other VRU BUILDING - THREADS INTO SOUTH SIDE OF T CONNECTION BELOW PARKER MODEL 95S6-1/4 (CHECK THREADS INTO VALVE ALSO) MOV_7576 10/17/2018 Transmitter T16361* ANODE 5203A CENTER STEM (NE SIDE OF TANK - MANLIFT) MOV_7374	OGI Inspection - CA-Ferguson Smith/E Burdick Pad	9/24/2018 11:45	9/24/2018 12:45	46	NW 5-10	OGI Inspection	9/24/2018 Confirmed and Closed	10/8/2018 Other	
10/17/2018 Transmitter T16361* ANODE 5203A CENTER STEM (NE SIDE OF TANK - MANLIFT) MOV_7374								10/17/2018 Transmitter	
									VRU BUILDING - THREADS INTO SOUTH SIDE OF T CONNECTION BELOW PARKER MODEL 95S6-1/4 (CHECK THREADS INTO VALVE ALSO) MOV_7576
								10/8/2018 Transmitter	T16359* ANODE 5201A CENTER STEM (NE SIDE OF TANK - MANLIFT NEEDED) MOV_7371
OGI Inspection - CA-FERGUSON-SMITH-155-95-3031H2-4LW1 3/1/2019 1:15 3/1/2019 10:45 7 E/3 OGI Inspection 3/1/2019 Confirmed and Closed 3/1/2019 Thief Hatch LID VENTING (TIN COVERED)-MOV_6801 T15834-THIEF HATCH LID VENTING (VITON)-MOV_6802	OGI Inspection - CA-FERGUSON-SMITH-155-95-3031H2-4LW1	3/1/2019 9:15	3/1/2019 10:45	7	E/3	OGI Inspection	3/1/2019 Confirmed and Closed	3/1/2019 Thief Hatch	
OGI Inspection - CA-FERGUSON-SMITH-155-95-3031H2-4LW1 9/26/2018 9:40 9/26/2018 10:35 38 SW 10-15 OGI Inspection 9/26/2018 Thief Hatch T15824 THIEF HATCH LID (VITON) BASE) MOV_7398	OGI Inspection - CA-FERGUSON-SMITH-155-95-3031H2-4LW1	9/26/2018 9:40	9/26/2018 10:35	38	SW 10-15	OGI Inspection	9/26/2018 Confirmed and Closed	9/26/2018 Thief Hatch	
10/8/2018 Connectors H2 TREATER BUILDING - LEAK FROM THREADS INTO BOTTOM OF FIRST PIPE CONNECTOR ABOVE V-2170 MOV_7401 9/26/2018 Thief Hatch T15819 THIEF HATCH LID (VITON BASE) MOV_7400									
10/8/2018 Connectors H3 TREATER BUILDING - THREADS INTO BOTTOM OF FUEL GAS CONNECTOR ABOVE T' SW OF V-3170 BOTTOM MOV_7402									H3 TREATER BUILDING - THREADS INTO BOTTOM OF FUEL GAS CONNECTOR ABOVE "T' SW OF V-3170 BOTTOM MOV_7402
H3 TREATER BUILDING - LEAK FROM THREADS INTO ALL 4 SIDES OF 4 WAY CONNECTOR ABOVE V-3170 MOV_7403 OGI Inspection - CA-RUSSELL SMITH-155-96-2425H-1,2,3,4,5,6,7 3/1/2019 8:05 3/1/2019 9:05 6 NE/4 OGI Inspection HP Flare DUAL TIP FLARE IS EMITTING BLACK SMOKE	OGI Inspection - CA-RUSSELL SMITH-155-96-2425H-1,2,3,4,5,6,7	3/1/2019 8:05	3/1/2019 9:05	6	NE/4	OGI Inspection	3/1/2019 Pending	HP Flare	
OGI Inspection - CA-RUSSELL SMITH-155-96-2425H-1,2,3,4,5,6,7 9/5/2018 12:25 9/5/2018 13:20 56 SE 5-10 OGI Inspection 9/5/2018 Thief Hatch T16044* THIEF HATCH LID (VITON BASE) MOV_7177 T16038 THIEF HATCH BOLTS (VITON BASE) MOV_7176	OGI Inspection - CA-RUSSELL SMITH-155-96-2425H-1,2,3,4,5,6,7	9/5/2018 12:25	9/5/2018 13:20	56	SE 5-10	OGI Inspection	9/5/2018 Confirmed and Closed	9/5/2018 Thief Hatch	
T16040 THIEF HATCH LID (VITON BASE) MOV_7181									T16040 THIEF HATCH LID (VITON BASE) MOV_7181
T16041 THIEF HATCH LIID (VITON BASE) MOV_7179 T16039 THIEF HATCH LIID (VITON BASE) MOV_7175									
OGI Inspection - CA-STANGELAND-155-95-2128H-1,2,8,9,10 3/1/2019 10:55 3/1/2019 11:55 10 NE/5 OGI Inspection 3/1/2019 Pending HP Flare DUALTIP FLARE EMITTING BLACK SMOKE	OGI Inspection - CA-STANGELAND-155-95-2128H-1.2.8.9.10	3/1/2019 10:55	3/1/2019 11:55	10	NE/5	OGI Inspection	3/1/2019 Pending		The state of the s
OGI Inspection - CA-STANGELAND-155-95-2128H-1,2,8,9,10 Confirmed and Closed 3/1/2019 Thief Hatch TK5003-THIEF HATCH LID & GASKET VENTING (VITON)-MOV_6806 SW/6 Confirmed and Closed 12/10/2018 Thief Hatch TK5002-THIEF HATCH LID VENTING (VITON)-MOV_6806 TK5002-THIEF HATCH LID VENTING (VITON)-MOV_6806		12/7/2018 7:55	12/7/2018 9:20	5	sw/6	OGI Inspection			
OGI Inspection - CA-STANGELAND-155-95-2128H-1,2,8,9,10 9/24/2018 12:55 9/24/2018 13:50 49 NW 5-10 OGI Inspection 9/24/2018 Thief Hatch T9657* THIEF HATCH LID (VITON BASE) MOV_7380									T9657* THIEF HATCH LID (VITON BASE) MOV_7380
TK5005 THIEF HATCH LID AND BASE BOLTS (VITON BASE) MOV_7377 10/15/2018 Tank Plug T9661* TOP BLIND FLANGE PIPE THREADS INTO THREADED ADAPTER MOV_7381									T9661* TOP BLIND FLANGE PIPE THREADS INTO THREADED ADAPTER MOV_7381
9/24/2018 Thief Hatch T9721 THIEF HATCH LID (VITON BASE) MOV_7378 10/15/2018 Liq EQ Line T9657* LIQ EQ LINE INTO SW SIDE OF TANK MOV_7379								10/15/2018 Liq EQ Line	T9657* LIQ EQ LINE INTO SW SIDE OF TANK MOV_7379
OGI Inspection - EN-CVANCARA-155-93-1522H-5,6,7,8,9,10,LEH-1,2 1/4/2019 13:05 1/4/2019 15:05 40 WSW/13 OGI Inspection 1/4/2019 Confirmed and Closed 1/4/2019 Thief Hatch T15553-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6667 T15555-THIEF HATCH LID VENTING (VITON)-MOV_6663	OGI Inspection - EN-CVANCARA-155-93-1522H-5,6,7,8,9,10,LEH-1,2	1/4/2019 13:05	1/4/2019 15:05	40	WSW/13	OGI Inspection	1/4/2019 Confirmed and Closed	1/4/2019 Thief Hatch	
T15552-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6668 T15554-THIEF HATCH LID VENTING (VITON)-MOV_6664									T15552-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6668
2/14/2019 LP Flare LP FLARE CLOSEST TO THE TREATER BUILDINGS IS EMITTING BLACK SMOKE								2/14/2019 LP Flare	

				Mind Piccolar			Lawred Posts Action Inc. Service	Completed System	
inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction	hapector	Inspection Type	Logged Date Action Item Status	Completed System	Corrections Required LP FLARE-THE LP FLARE FURTHEST FROM THE TRATER BUILDINGS IS EMITTING BLACK SMOKE
OGI Inspection - EN-CVANCARA-155-93-1522H-5,6,7,8,9,10,LEH-1,2	7/8/2019 11:05	7/8/2019 12:35	78	SSE/6	D) (9)	OGI Inspection	7/8/2019 Confirmed and Closed	7/10/2019 Thief Hatch	HP FLARE-THE HP FLARE IS EMITTING BLACK SMOKE T15546-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7551
out inspection. Electrication and an analysis of the state of the stat	7,0,2023 22.03	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		332,0			7,0,000	.,,	T15561*-THIEF HATCH LID VENTING (VITON)-MOV_7544
									T15550-THIEF HATCH LID VENTING (VITON)-MOV_7549 T15557*-THIEF HATCH LID VENTING (VITON)-MOV_7547
									T15558*-THIEF HATCH LID VENTING (VITON)-MOV_7546
								Pressure Relief Devices	T15545-THIEF HATCH LID VENTING (VITON)-MOV_7552 T15546-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7550ACCESSIBLE FROM THE WALKWAY
								Thief Hatch	T15560*-THIEF HATCH LID YENTING (VITON)-MOV_7545
OGI Inspection - EN-Dobrovolny A South Pad	5/1/2019 13:30	5/1/2019 14:50	42	SW/4		OGI Inspection	5/1/2019 Confirmed and Closed	Pressure Relief Devices 5/6/2019 Pressure Relief Devices	T15552-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7548ACCESSIBLE FROM THE WALKWAY T15290-ENARDO PVRV IS VENTING FROM THE VACUUM SIDE CANISTER LID-MOV_7202SKITCH PICTURE WAS UPLOADED
Odi Inspection - EN-Dobrovolny A South Pad	3/1/2019 13.30	3/1/2019 14.30	42	34/4		Cormspection	3/1/2019 Committee and closed	JOY 2017 F1633016 Relief Devices	T15297-ENARDO PVRV IS VENTING FROM THE VACUUM SIDE CANISTER LID-MOV_7203SKITCH PICTURE WAS UPLOADED
							Pending Confirmed and Closed	HP Flare 5/6/2019 Pressure Relief Devices	DUAL TIP FLARE-THE DUAL TIP FLARE IS EMITTING BLACK SMOKE T15300*-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7204ACCESSIBLE FROM THE WALKWAY
OGI Inspection - EN-Farhart Pad	1/11/2019 8:05	1/11/2019 9:05	2	NNE/5		OGI Inspection	1/11/2019 Confirmed and Closed	2/7/2019 LP Flare	LP FLARE-THE LP FLARE FURTHEST FROM THE TREATER BUILDINGS IS NOT LIT/EMITTING-MOV_6703SKITCH PICTURE WAS UPLOADED
and the second second	0/44/2040 42:45	0/14/2010 12:55				0611	R/14/2018 Conferred and Glassel	9/7/2018 Transmitter	LP FLARE-THE LP FLARE CLOSEST TO THE TREATER BUILDINGS IS NOT LIT/EMITTING-MOV_6769
OGI Inspection - EN-Farhart Pad	8/14/2018 12:45	8/14/2018 13:55	69	S 5-10		OGI Inspection	8/14/2018 Confirmed and Closed	8/30/2018 Transmitter 8/30/2018 Thief Hatch	T15405* NE ANODE CENTER STEM (MANLIFT NEEDED) MOV_6846 T15404* THIEF HATCH BOLTS (VITON BASE) MOV_6840
									T15403* THIEF HATCH LID (VITON BASE) MOV_6836
									T15402 THIEF HATCH FRONT BOLTS (VITON BASE) MOV_6835 T15399 THIEF HATCH LID (VITON BASE) MOV_6843
								9/7/2018 Transmitter	T15404* SW ANODE CENTER STEM (CHECK ANODE/MANLIFT NEEDED) MOV_6841
								8/30/2018 Thief Hatch	T15401 THIEF HATCH LID (VITON BASE) MOV_6833
									T15395 THIEF HATCH LID (VITON BASE) MOV_6834 T15405* THIEF HATCH LID (VITON BASE) MOV_6845
									T15398 THIEF HATCH LID (VITON BASE) MOV_6839
								9/7/2018 Transmitter 8/30/2018 Pressure Relief Devices	T15403* SW ANODE CENTER STEM (CHECK ANODE/MANLIFT NEEDED) MOV_6837 T15398 ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER (ACCESSIBLE) MOV_6838
OGI Inspection - EN-Farhart Pad	8/14/2018 12:45	8/14/2018 13:55	69	S 5-10		OGI Inspection	8/14/2018 Confirmed and Closed	9/7/2018 Valves	H-2 TREATER BUILDING - VALVE PACKING ON VALVE ABOVE FUEL GAS SCRUBBER/BELOW 30 PSI GAUGE (NO TAGS) MOV_6847
OGI Inspection - EN-FREDA/LEO	3/25/2019 8:05	3/25/2019 10:30	26	ESE/8		OGI Inspection	3/25/2019 Confirmed and Closed	3/25/2019 Inline Pressure Relief Device	T10735*-IN-LINE ENARDO PVR IS VENTING FROM THE CANISTER LID-MOV_6885SKITCH PICTURE WAS UPLOADED
								4/8/2019 LP Flare	LP FLARE-THE LP FLARE FURTHEST FROM THE HP FLARE ON THE NORTH SIDE BATTERY (36 TANKS) IS NOT LIT/EMITTING-MOV_6884SKITCH PICTURE WAS UPLOADED
OGI Inspection - EN-JEFFREY/JEFFREY A-155-94-2215H-1,2,3,4,5,6,7,8,9/2734H-1,2,3	1,4,: 5/30/2019 11:30	5/30/2019 13:00	79	W/11		OGI Inspection	5/30/2019 New	HP Flare	DUAL TIP FLARE-THE DUAL TIP FLARE IS EMITTING BLACK SMOKE
									EN JUHNSON HI-5- PPF IREATER BLU-GRAY VALVE NEAR THE REAR DUOR IS VENTING FROM WHAT APPEARS TO BE A FILTER LOCATED ON TIGE SIDE OF TIGE VALVE. THE VALVE HAS A LABEL THAT READS PCV514, TIGE VALVE IS LOCATED NEAR A PRESSURE GAUGE ON THE PIPE & DIRECTLY BEHIND THE BYPASS LINE-MOV_6830
OGI Inspection - EN-Johnson 56-101 Bakken Facility	2/11/2019 11:00	3/11/2019 12:00	8	SSE/5		OGI Inspection	3/11/2019 Confirmed and Closed	4/4/2019 Other	SKITCH PICTURE WAS UPLOADED
OGFINSpection - EN-Johnson 36-101 bakken raciity	5/11/2015 11:00	5/11/2019 12:00	٥	332/3		OGI INSPECTION	5/11/2019 Committee and closed	HP Flare	DUAL TIP FLARE-THE DUAL TIP FLARE IS EMITTING BLACK SMOKE
OGI Inspection - EN-Johnson 56-101 Bakken Facility	7/11/2019 9:45	7/11/2019 10:50	70	5/8		OGI Inspection	7/11/2019 Confirmed and Closed	7/11/2019 Thief Hatch	TK5201*-THIEF HATCH LID VENTING (VITON)-MOV_7602 TK5202*-THIEF HATCH LID VENTING (VITON)-MOV_7603
									TK5203*-THIEF HATCH LID VENTING (VITON)-MOV_7604
	. /2 /2010 10 55	4/2/2000 44 20		/a.c		0011	* In (2010 D - 1) -	UB 51	TKS005-THIEF HATCH LID VENTING (VITON)-MOV_7605
OGI Inspection - EN-KMJ URAN-154-93-2734H-5,6,7,8,9,10,11,LWH-1,2733 LWH-2 OGI Inspection - EN-KMJ URAN-154-93-2734H-5,6,7,8,9,10,11,LWH-1,2733 LWH-2	1/3/2019 10:55 7/8/2019 7:40	1/3/2019 11:30 7/8/2019 10:10	34 67	W/16 S/4		OGI Inspection OGI Inspection	1/3/2019 Pending 7/8/2019 Confirmed and Closed	HP Flare 7/8/2019 Thief Hatch	HP FLARE-HP FALRE EMITTING BLACK SMOKE T11339*-THIEF HATCH LID VENTING (VITON)-MOV_7517H7 ROW
									T11364-THIEF HATCH LID VENTING (VITON)-MOV_7512H9 ROW
									T11329-THIEF HATCH LID VENTING (VITON)-MOV_7520H6 ROW T11330-THIEF HATCH LID VENTING (VITON)-MOV_7521H6 ROW
									T11336-THIEF HATCH LID VENTING (VITON)-MOV_7519H7 ROW
									T11362-THIEF HATCH LID VENTING (VITON)-MOV_7514H9 ROW T11324-THIEF HATCH LID VENTING (VITON)-MOV_7523H5 ROW
									T11359*-THIEF HATCH LID VENTING (VITON)-MOV_7516H8 ROW
									T11365*-THIEF HATCH LID VENTING (VITON)-MOV_7511H9 ROW
									T11321*-THIEF HATCH LID VENTING (VITON)-MOV_7522H5 ROW T11341-THIEF HATCH LID VENTING (VITON)-MOV_7515H8 ROW
									T11363-THIEF HATCH LID VENTING (VITON)-MOV_7518H9 ROW
OGI Inspection - EN-L CVANCARA-155-93-2627H-2,3,4,6,7,8,9,10	1/4/2019 7:55	1/4/2019 9:15	33	W/15		OGI Inspection	1/4/2019 Confirmed and Closed	1/4/2019 Thief Hatch	T11337-THIEF HATCH LID VENTING (VITON)-MOV_7518H7 ROW T15060-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6652
Out inspection - Etc. Correction and an analysis appropriate	2,4,20237.33	2, 4, 2023 3.23	-	11/22		oo. mspection	2, 7,2023	4,7222	T11380*-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6653
									T15054-THIEF HATCH LID & GASKET VENTING (VITON)-MOV_6650 T15061-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6651
								Pressure Relief Devices	T15055-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6649ACCESSIBLE FROM THE WALKWAY
OGI Inspection - EN-L CVANCARA-155-93-2627H-2,3,4,6,7,8,9,10	7/2/2019 10:50	7/2/2019 11:55	57	N/19		OGI Inspection	7/2/2019 Confirmed and Closed	7/8/2019 Thief Hatch	T15052-THIEF HATCH GASKET VENTING (VITON)-MOV_7491
									T15055-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7490 T15056-THIEF HATCH LID VENTING (VITON)-MOV_7489
									T15058-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7492
OGI Inspection - EN-Leo E-154-94-2423H-4-12	1/2/2019 7:45	1/2/2019 10:00	18	W/10		OGI Inspection	1/2/2019 Confirmed and Closed	1/2/2019 Thief Hatch HP Flare	T15735-THIEF HATCH LID VENTING (TIN COVERED)-MOV_6618 DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
							Pending Confirmed and Closed	1/2/2019 Thief Hatch	T15744-THEF HATCH LID VENTING (VITON)-MOV_6617
		-1-1					7/1/2010 0	Pressure Relief Devices	T15738-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6619ACCESSIBLE FROM THE WALKWAY
OGI Inspection - EN-Leo E-154-94-2423H-4-12	7/1/2019 11:10	7/1/2019 12:55	70	SSE/10		OGI Inspection	7/1/2019 Confirmed and Closed	7/30/2019 Thief Hatch	T15749*-THIEF HATCH LID VENTING (VITON)-MOV_7457 T15743-THIEF HATCH LID VENTING (VITON0-MOV_7451
									T15741-THIEF HATCH LID VENTING (VITON)-MOV_7453
									T15742-THIEF HATCH LID VENTING (VITON)-MOV_7452 T15748*-THIEF HATCH LID VENTING (VITON)-MOV_7456
									T15752*-THIEF HATCH LID VENTING (VITONO-MOV_7459
									T15744-THIEF HATCH LID VENTING (VITON)-MOV_7450 T15750*-THIEF HATCH LID VENTING (VITON)-MOV_7458
									T15730 THIEF HATCH LID VENTING (VITON)-MOV_7438 T15746-THIEF HATCH LID VENTING (VITON)-MOV_7449
									T15736-THIEF HATCH LID VENTING (VITON)-MOV_7454
OGI Inspection - EN-MADISYN LE CENTRAL FACILITY	1/25/2019 9:30	1/25/2019 10:40	-4	E/3		OGI Inspection	1/25/2019 Confirmed and Closed	1/25/2019 Thief Hatch	T15740-THIEF HATCH LID VENTING (VITON)-MOV_7455 T16315-THIEF HATCH LID VENTING (VITON)-MOV_6759
							Pending	HP Flare	DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
OGI Inspection - EN-NELSON/PEDERSON-LW-155-94-3328H	7/22/2019 10:50	7/22/2019 14:05	75	SE 5		OGI Inspection	Confirmed and Closed 7/22/2019 Confirmed and Closed	1/25/2019 Thief Hatch 7/24/2019 Thief Hatch	T16320*-THIEF HATCH LID VENTING (VITON)-MOV_6760 T15247* THIEF HATCH LID (VITON BASE) MOV_0054
							Confirmed and Closed	8/20/2019 Transmitter	T15250* SW ANODE CENTER STEM (NOT ACCESSIBLE FROM WALKWAY) MOV_0058
							Confirmed and Closed	7/24/2019 Thief Hatch	T11030* THIEF HATCH LID (VITON BASE) MOV_0022

Inspection	Unpressure Start	insumption (==	A-ti-ziri	Wind Olrest	anem.	superton Type	Commed Data Action Harm Searces	Completed Systems	Corrections Required
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T11031 ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER (ACCESSIBLE) MOV_0026 T10924 ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER (ACCESSIBLE) MOV_0039
							Confirmed and Closed	7/24/2019 Thief Hatch	T10929* IN LINE ENARDO PRV LEAK FROM CANISTER LID (ACCESSIBLE) MOV_0033 T10931* THIEF HATCH LID (VITON BASE) MOV_0031
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T11026 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_0027
							Confirmed and Closed	7/24/2019 Thief Hatch	T13028 THIEF HATCH LID (VITON BASE) MOV_0029 T15250* THIEF HATCH LID (VITON BASE) MOV_0059
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T15239 THIEF HATCH LID (VITON BASE) MOV_0050 T11029* ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER (ACCESSIBLE) MOV_0024
							Confirmed and Closed	7/24/2019 Thief Hatch	T1S246 THIEF HATCH BASE BOLTS (VITON BASE) MOV_D053
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T15236* ENARDO PVRV LEAK FROM VACUUM CANISTER LID MOV_0044 T15251 ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER MOV_0061
							Confirmed and Closed	8/20/2019 Connectors	EN-NELSON H-5 TREATER BUILDING - PIPE CONNECTION LEAK DIRECTLY BEHIND 3 PHASE EMULSION LINE MOV_DOG?
							Confirmed and Closed	7/24/2019 Thief Hatch	T11026 THIEF HATCH LID (VITON BASE) MOV_0028
									T15249* THIEF HATCH LID (BUNA BASE) MOV_0057 T15241* THIEF HATCH LID (VITON BASE) MOV_0041
								August Company	T15242* THIEF HATCH FRONT BOLT (VITON BASE) MOV_0045
							Confirmed and Closed Confirmed and Closed	7/24/2019 Pressure Relief Devices 7/24/2019 Thief Hatch	T11030* IN-LINE ENARDO LEAK FROM CANISTER LID (ACCESSIBLE) MOV_0023 T15238 THIEF HATCH FRONT BASE BOLT (VITON BASE) MOV_0048
							Committed and Closes	7747/4025 Mile Hall	T15248" NE ANODE CENTER STEM (NOT ACCESSIBLE FROM WALKWAY) MOV_0056
							Confirmed and Closed	9/3/2019 Transmitter	8/20/2019 UPDATE: APPEARS WRONG ANODE ON TANK WAS FIXED - CEMENT ON SW ANODE, BUT NE ANODE NOT ATTEMPTED
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T10931* IN LINE ENARDO LEAK FROM CANISTER LID (ACCESSIBLE) MOV_0030 T15236* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_0042
							Confirmed and Closed	7/24/2019 Thief Hatch	T15256 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENTI PIPE (ACCESSIBLE) MOV_0042 T15245 THIEF HATCH LID (VITON BASE) MOV_0051
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T15251 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_0060
							Confirmed and Closed	7/24/2019 Thief Hatch	T15235* ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER MOV_0043 T15235* THIEF HATCH LID (VITON BASE) MOV_0046
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T10932* ENARDO PYRY LEAK FROM UNDERSIDE OF VACUUM CANISTER MOY_0035
							Confirmed and Closed	7/24/2019 Thief Hatch	T1S237 THIEF HATCH LID (VITON BASE) MOV_0047
									T15240 THIEF HATCH LID (VITON BASE) MOV_0052 T10933 THIEF HATCH LID (VITON BASE) MOV_0040
							Confirmed and Closed	7/24/2019 Pressure Relief Devices	T15248* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_0055
							Confirmed and Closed Confirmed and Closed	7/24/2019 Thief Hatch 7/24/2019 Pressure Relief Devices	T10929* THIEF HATCH LID (VITON BASE) MOV_0034 T10932* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_0036
							Commission of Closed	1/24/2013 Plessure neses bevices	T15239 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV 0049
OGI Inspection - EN-NELSON/PEDERSON-LW-155-94-3328H-2,3,4,5/0408H-1,2,3,4,5,0	5,7 1/9/2019 8:10	1/9/2019 10:00	3	E/4	Larry Mitchell	OGI Inspection	1/9/2019 Confirmed and Closed	1/23/2019 Thief Hatch	T10923-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6674
							Confirmed and Closed Pending	1/23/2019 Pressure Relief Devices HP Flare	T15248*-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6679ACCESSIBLE FROM THE WALKWAY HP FLARE-THE HP FLARE IS EMITTING BLACK SMOKE
							Confirmed and Closed	1/23/2019 Thief Hatch	T15238-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6676
									T11031-THIEF HATCH LID & GASKET VENTING (GASKET CANNOT BE SEEN)-MOV_6673 T15237-THIEF HATCH LID VENTING (VITON)-MOV_6677
									T15239-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_6675
OG! Inspection - EN-SKABO TRUST-155-93-0631H-1,2,3,4,5,6,7	1/7/2019 10:10	1/7/2019 11:00	28	WSW/13	arry Mitchell	OGI Inspection	1/7/2019 Pending	HP Flare	T15246-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_667# DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
ON Inspection - England I nost-135-33-46514-15274-2041	1//2015 10:10	1//1015 11:00	20	11311/13	Sall & Mutchell	Cultispection	1772045 76110116	110.10.0	DOLL IF TENTE-THE DOLL IN TIME IS CHILLING STORM STITEME
OGI Inspection - EN-Sorenson A/B 2 Pad	10/15/2018 8:10	10/15/2018 9:20	28	SW 10	Eric Burns	OGI Inspection	10/15/2018 Confirmed and Closed	10/15/2018 Thief Hatch	T15976 THIEF HATCH BASE BOLTS (VITON BASE) MOV_7583
OGI Inspection - EN-Sorenson A/B 2 Pad	2/20/2019 10:45	2/20/2019 11:50	5	E/5	Larry Mitchell	OGI Inspection	Confirmed and Closed 2/20/2019 Pending	10/16/2018 HP Flare HP Flare	DUAL-TIP FLARE EMITTING, NOT LIT, NOT ZAPPING. ALERTED AWT. MOV_7584 DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
D 144-1452-1516-33-15							2010000000		TK5202*-EQ LINE ON THE RIGHT SIDE IF THE TANK IS VENTING FROM THE COLLOR & THREADS RUNNING INTO THE TANK (PREVIOUSLY FIXED)-MOV_6862
				N. W. L. Co.		week to a dead	atarrana e a e a constanta de la constanta de	a Marriage Victor (Co.)	PARTICIPATION WAS INCOME.
OGI Inspection - EN-SORENSON A/SORENSON B-155-94-0211H-1,2,3,4,5,6/3526H-1,2	3/21/2019 10:45	3/21/2019 12:15	37	NNW/5	Larry Mitchell	OGI Inspection	3/21/2019 Confirmed and Closed Pending	5/13/2019 Lig EQ Line HP Flare	SKITCH PICTURE WAS LIPLOIADED. DUAL TIP FLARE-THE DUAL TIP FLARE IS EMITTING BLACK SMOKE.
							Confirmed and Closed	3/21/2019 Thief Hatch	T9605-THIEF HATCH VENTING FROM THE GASKET (BUNA)-MOV_6861
OGI Inspection - EN-SORENSON A/SORENSON B-155-94-0211H-1,2,3,4,5,6/3526H-1,2	7/22/2019 7:45	7/22/2019 10:00	66	CALM	Enc Burns	OGI Inspection	7/22/2019 Confirmed and Closed	8/15/2019 Transmitter 7/22/2019 Pressure Relief Devices	T9596* SW ANODE CENTER STEM MOV_0005 T9605 ENARDO PVRV VENTING VIA VENT PIPE (ACCESSIBLE) MOV_0008
								7/22/2019 Thief Hatch	TS610* THIEF HATCH LID (VITON BASE) MOV_0007
									T9602 THIEF HATCH LID (TEFLON BASE?) MOV_0009
								8/15/2019 Other	T9600 THIEF HATCH LID (VITON BASE) MOV_0010 BULK TREATER BUILDING - GAS SCRUBBER V-6210 LEAK FROM 200 PSI GAUGE THREADS MOV_0013
								8/15/2019 Transmitter	T9610* SW ANODE CENTER STEM (ACCESSIBLE) MOV_0006
								8/15/2019 Liq EQ Line 8/15/2019 Connectors	TKS202 (OUT OF SERVICE) LEAK FROM BENEATH PREVIOUS EQ COLLAR REPAIR - SE SIDE OF TANK (ALL AROUND COLLAR) MOV_0002 BULK TREATER BUILDING - PIPE CONNECTION JUST WEST OF PCV6216 (SW CORNER OF BUILDING) MOV_0011
								7/22/2019 Thief Hatch	75597* THIEF HATCH LID (VITON BASE) MOV_0003
									19596* THIEF HATCH LID (VITON BASE) MOV_0004
								8/15/2019 Other 8/15/2019 Connectors	WELLHEAD - EN SORENSON B 3526H-2 POLLUTION POT MOV_0014 BULK TREATER BUILDING - PIPE CONNECTION JUST EAST OF PCV6214 MOV_0012
OGI Inspection - EN-SOUTH HORST 50-93	1/3/2019 11:30	1/3/2019 13:05	34	W5W/17	Larry Mitchell	OG! Inspection	1/3/2019 Confirmed and Closed	1/3/2019 Thief Hatch	T16168*-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_664S
OGI Inspection - EN-SOUTH HORST 50-93	8/10/2018 9:15	8/10/2018 9:40	73	£0.5	Eric Burns	OGI Inspection	8/10/2018 Confirmed and Closed	4/15/2019 HP Flare 8/13/2018 Pressure Relief Devices	DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE T8915 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA END OF VENT PIPE (ACCESSIBLE) MOV_6767
The second secon						F 79-10-4	New	HP Flare	BOTH AIR ASSIST HP FLARES SEEM TO BE OPERATING INEFFICIENTLY. LOADED PLAIN VISUAL MOVIE, IN ADDITION TO GAS MOVIE FOR COMPARISON. MOV_6768 AND 6770.
OGI Inspection - EN-VP AND R Pad	1/2/2019 12:00	1/2/2019 13:10	27	W/12	Larry Mitchell	OGI Inspection	1/2/2019 Confirmed and Clased	2/14/2019 HP Flare	TRAILER MOUNT FLARE-THE TRAILER MOUNTED FLARE IS EMITTING BLACK SMOKE
							Pending	HP Flare	DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
OGI Inspection - EN-WEYRAUCH A/WEYRAUCH C-154-93-2017H-1,2/2932H-1,5,6,7,8,	9.12/20/2019 12:10	2/20/2019 13:05	5	SSE/4	Larry Mitchell	OGI Inspection	2/20/2019 Confirmed and Closed	1/2/2019 Thief Hatch 2/20/2019 Thief Hatch	T15502-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6632 T15995*-THIEF HATCH VENTING (LOCK-DOWN)-MOV_6781
OGI inspection - GO-Vinger/Bergstrom	4/9/2019 9:30	4/9/2019 10:45	35	E/14		OG! Inspection	Pending 4/9/2019 Confirmed and Closed	HP Flare 10/11/2019 HP Flare	DUAL TIP FLARE-THE DUAL TIP FLARE IS EMITTING BLACK SMOKE DUAL TIP FLARE-THE DUAL TIP FLARE IS EMITTING BLACK SMOKE.
OGI Inspection - HA-GRIMESTAD-152-95-3031H4-6,LWH-1	1/22/2019 11:20	1/22/2019 12:30	20	W/11	Larry Mitchell	OGI Inspection	1/22/2019 Confirmed and Closed Confirmed and Closed	1/22/2019 Pressure Relief Devices 1/22/2019 Thief Hatch	T16077*-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6737ACCESSIBLE FROM THE WALKWAY T16195*-THIEF HAICH VENTING (LOCK-DOWN)-MOV_6738
							Pending	HP Flare	DUEL TIP FLARE-THE DUEL TIP FLARE IS EMITTING BLACK SMOKE
OG Inspection - HA-GRIMFSTAD IS 2-05-30-3104 C (WILL)	8/1/2019 10:50	8/1/2019 12:15	79	ESE/10	Larry Mitchell	OGI Inspection	Confirmed and Closed	1/22/2019 Thief Hatch 8/27/2019 Connectors	T16196*-THIEF HATCH VENTING (LOCX-DOWN)-MOV_5739 T16195*-ANDDE ON THE RIGHT SIDE OF THE THIEF HATCH IS VENTING-MOV_78835KITCH PICTURE UPLOADED
OGI Inspection - HA-GRIMESTAD-152-95-3031H4-6,LWH-1	5/4/2019 10:30	0/ 1/2012 15:12	.,	53710	sarry witchell	voi mapection	8/1/2019 Confirmed and Closed	arentens connectors	T16195*-ANDDE ON THE RIGHT SIDE OF THE THIEF MATCH IS VENTING-MOV_7883SRTCH PICTURE UPLOADED
OGI Inspection - HA-GRIMESTAD-152-95-3031H4-6,LWH-1	and the same and a same	8/16/2018 12:10	76	W/8		OGI inspection	8/16/2018 Confirmed and Closed	8/1/2019 Pressure Relief Devices 8/16/2018 Pressure Relief Devices	T16075-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_7882ACCESSIBLE FROM THE WALKWAY T16070-Enardo PVRV is venting from the front of the pipe-Mov_1415

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Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction	nunector	Inspection Type	Logged Date Action Item Status	Completed System	Corrections Required
					b) (9)			Thief Hatch	T16057-Thief Hatch Bolts Venting (Viton)-Mov_1414
OGI Inspection - HA-Sanford / Rolfsrud Pad	4/3/2019 16:30	4/3/2019 17:30	51	SE/17		OGI Inspection	4/3/2019 Confirmed and Closed	4/4/2019 Pressure Relief Devices	T15922- PVRV IS LEAKING FROM PIPE OPENING, MOV_0842 T15916- PVRV IS LEAKING FROM PIPE OPENING, MOV_0841
									113910- PYNY IS LEANING FROM PIFE OPENING, MOV
								Thief Hatch	T16090*-THIEF HATCH LID IS LEAKING (VITON), MOV_0847
									T15933*-THIEF HATCH LID IS LEAKING (VITON), MOV_0843
									T16084-THIEF HATCH LID IS LEAKING (VITON), MOY_0846 T15926*-THIEF HATCH LID IS LEAKING (VITON), MOY_0845
OGI Inspection - HA-Sanford / Rolfsrud Pad	10/23/2018 12:20	10/23/2018 14:05	51	SE/18		OGI Inspection	10/23/2018 Confirmed and Closed	10/30/2018 Other	T16090*-Anode to the left of the Thief Hatch is venting-Mov_6338Skitch picture is attached
OGI Inspection - HA-SANFORD-152-96-1819H6-10,LWH-1	1/9/2019 11-10	1/9/2019 12:55	4	ESE/6		OGI Inspection	1/9/2019 Pending	HP Flare	DUAL TIP FLARE- DUAL TIP FLARE IS EMITTING BLACK SMOKE, VIDEO ATTACHED
	2,2,2022222	2,2,2022 22:00		232/2		00111111			H-7 TREATER BUILDING- CONNECTIONS ON BOTH SIDES OF THE BLACK HEAT TRANSFER PASTE ARE LEAKING. THIS IS ABOVE AND TO THE RIGHT OF THE FUEL GAS SCRUBBER
							Confirmed and Closed	1/22/2019 Connectors 1/9/2019 Pressure Relief Devices	AND TO THE LEFT OF THE TREATER. MOV_0416, SKITCH PICTURE ATTACHED T16051- PVRV IS LEAKING FROM PIPE OPENING, MOV_0414
								Pressure Relief Devices	T16057*PWV IS LEAKING FROM VACCUM CANISTER, MOV 0415
OGI Inspection - HA-SANFORD-152-96-1819H6-10,LWH-1	7/30/2019 12:35	7/30/2019 13:55	73	SE/20		OGI Inspection	7/30/2019 Confirmed and Closed	7/30/2019 Thief Hatch	T16055*-THIEF HATCH LID VENTING (VITON)-MOV_7807
									T16050-THIEF HATCH LID VENTING (VITON)-MOV_7805
									T16058*-THIEF HATCH LID VENTING (VITON)-MOV_7809 T16057*-THIEF HATCH LID VENTING (VITON)-MOV_7808
									T16049-THIEF HATCH LID VENTING (VITON)-MOV_7806 T16049-THIEF HATCH LID VENTING (VITON)-MOV_7806
									T16061-THIEF HATCH LID VENTING (VITON)-MOV_7810
OGI Inspection - HA-STATE-152-95-1621H5-9 LWH-1	1/3/2019 12:45	1/3/2019 13:45	40	W/12		OGI Inspection	1/3/2019 Confirmed and Closed	1/4/2019 Pressure Relief Devices	T16160- PVRV IS LEAKING FROM THE PIPE OPENING. MOV_0390
OGI Inspection - HA-STATE-152-95-1621H5-9 LWH-1	7/24/2019 11:25	7/24/2019 12:45	74	SE/12		OGI Inspection	7/24/2019 Confirmed and Closed	7/29/2019 Thief Hatch	T16154-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7725
									T16160-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7727 T16164*-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7732
									T16156-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7730
									T16157-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7729
									T16165*-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7733
									T16163*-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7731 T16158-THIEF HATCH LID & GASKET VENTING (BUNA)-MOV_7728
									Ti6161-THIEF HATCH LID VENTING (TIN COVERED)-MOV 7726
OGI Inspection - HA-SWENSON CENTRAL	7/30/2019 7:50	7/30/2019 9:30	59	ESE/9		OGI Inspection	7/30/2019 Confirmed and Closed	8/2/2019 Transmitter	T9630*-RADAR GAUGE ON THE LEFT HAND SIDE OF THE THIEF HATCH IS VENTING FROM THE THREADS RUNNING INTO THE TANK-MOV_77915KITCH PICTURE UPLOADED
								7/30/2019 Pressure Relief Devices	T9587-ENARDO PVRV VENTING FROM UNDER THE VACUUM SIDE CANISTER-MOV_7795ACCESSIBLE FROM THE WALKWAY
								8/2/2019 LP Flare 7/30/2019 Thief Hatch	LP FLARE-THE LP FLARE IS NOT LIT/EMITTING-MOV_7891 T9412-THIEF HATCH LID & GASKET VENTING (VITON)-MOV_7794
								7/30/2019 Tillet Natch	19418*-THIEF HATCH LID VENTING (VITON)-MOV_7792
									T9414-THIEF HATCH LID VENTING (VITON)-MOV_7793
				***				8/2/2019 Transmitter	T9629*-RADAR GAUGE ON THE LEFT HAND SIDE OF THE THIEF HATCH IS VENTING FROM THE THREADS RUNNING INTO THE TANK-MOV_7790SKITCH PICTURE UPLOADED
OGI Inspection - HA-THOMPSON/CHAPIN-152-95-2017H-3,4,5,6/2932H-7,8,9,10	1/10/2019 12:15	1/10/2019 13:35	21	S/6		OGI Inspection	1/10/2019 Pending	LP Flare LP Flare	LP FLARE CENTRAL- THE MIDDLE LP FLARE IS EMITTING BLACK SMOKE, (EMITTING 11:32 MIN/15:00 MIN) VIDEO ATTACHED LP FLARE EAST- THE EAST LP FLARE IS EMITTING BLACK SMOKE, (EMITTING 10:56 MIN/15:00 MIN) VIDEO ATTACHED
								LP Flare	LP FLARE WEST-THE WESTERN LP FLARE IS EMITTING SHACK SMOKE (9:12 MIN/ J S-100 MIN), VIDEO ATTACHED
OGI Inspection - LK-ERICKSON/QUILLIAM H2-4	9/18/2018 9:40	9/18/2018 10:50	49	ENE/4		OGI Inspection	9/18/2018 Confirmed and Closed	10/8/2018 Thief Hatch	T15602*-Thief hatch lid venting (Viton)-Mov_5990Erickson Battery
									T15890*-Thief hatch lid venting (Viton)-Mov_5986Quilliam Battery
									T15888*-Thief hatch lid venting (Viton)-Mov_5984Quilliam Battery T15604*-Thief hatch bolts venting (Viton)-Mov_5989Erickson Battery
									T15594-Thief hatch lid venting (Viton)-Mov_5987Erickson Battery
									T15596-Thief hatch lid venting (Viton)-Mov_5988Erickson Battery
									T15887*-Thief hatch lid venting (Viton)-Mov_5983Quilliam Battery
OGI Inspection - RS-ARMOUR FAC	3/20/2019 8:55	3/20/2019 9:40	31	WNW/7		OGI Inspection	3/20/2019 Confirmed and Closed	3/20/2019 Pressure Relief Devices	T15889*-Thief hatch lid venting (Viton)-Mov_5985Quilliam Battery T7561-ENARDO PVRV VENTING FROM THE FRONT OF THE PIPE-MOV_6846ACCESSIBLE FROM THE WALKWAY
OGI Inspection - RS-ARMOUR FAC		8/16/2018 13:45	76	NE 5		OGI Inspection	8/16/2018 Confirmed and Closed	9/14/2018 Liq EQ Line	17564 LIQ EQ LINE SW SIDE. SHORT FIBERGLASS PIPE INTO BUTTERFLY VALVE MOV_6897
								LP Vapor Line	T7561 LP VAPOR LINE. SHORT FIBERGLASS PIPE INTO BOTTOM OF FLANGE ABOVE TANK (MANLIFT NEEDED) MOV_6900
								Thief Hatch	77578* THIEF HATCH LID (VITON BASS) MOV_6893
									T7561 THIEF HATCH LID (VITON BASE) MOV_6899 T7560 THIEF HATCH BASE BOLTS AND LID (VITON BASE) MOV_6896
								Other	17560 BLANKET GAS INTO TANK. LEAK FROM SHORT FIBERGLASS PIPE INTO BOTTOM OF FLANGE MOV_6895
								Transmitter	T7578* RADAR GAUGE BETWEEN METAL AND THREAD ASSEMBLY MOV_6894
								LP Vapor Line	77578" LP VAPOR LINE. FIBERGLASS PIPE THAT RUNS EAST/WEST INTO EAST SIDE OF FLANGE (MANLIFT NEEDED) MOV_6891
OGI Inspection - SC-1WX8-1H/SC-1WX-152-99-0809H-6,7,8	3/6/2019 8:15	3/6/2019 10:45	-2	WNW/4		OGI Inspection	3/6/2019 Confirmed and Closed	Pressure Relief Devices 3/6/2019 Thief Hatch	T7561 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6898 T16246*- THIEF HATCH LID IS LEAKING (ENARDO LOCKDOWN), MOV_0550
odi ilispetticii - od 111/10 11/10 111/1 102 ov oddori o,i je	5,0,20250.25	0/0/2020 20110	-	,-		o or mapertion	Sydy 2023 Committee and Closed	5/5/2025 11101 110011	T16236- THIEF HATCH LID IS LEAKING (ENARDO LOCKDOWN), MOV_0553
									T16247*-THIEF HATCH LID IS LEAKING (ENARDO LOCKDOWN), MOV_0551
									T16235-THIEF HATCH LID IS LEAKING (ENARDO LOCKDOWN), MOV_0552
							Pending	HP Flare	T16233-THIEF HATCH LID IS LEAKING (ENARDO LOCKDOWN), MOV_0555 HP FLARE-THE HP FLARE IS EMITTING BLACK SMOKE (12:57 MIN/15:00 MIN), VIDEO ATTACHED
							, chang	10.130	H-6 TREATER BUILDING-THE FLANGE COMING OFF THE BOTTOM RED KIMRAY CLOSEST TO THE SEPARATOR IS LEAKING. THE FLANGE CONNECTS THE BOTTOM GAS PIPE
							Confirmed and Closed	3/19/2019 Flanges	COMING OFF THE SEPARATOR TO THE RED KIMRAY. MOV_0556, SKITCH PICTURE ATTACHED
OGI Inspection - SC-JCB/Gene 2 Pad	4/22/2019 8:05	4/23/2019 9:10	50	SSW/10		OGI Inspection	Confirmed and Closed 4/23/2019 Confirmed and Closed	3/6/2019 Thief Hatch 5/20/2019 Other	T16230-THIEF HATCH LID IS LEAKING (ENARDO LOCKDOWN), MOV_0554
OGI Inspection - SC-JCB/Gene 2 Pad		10/8/2018 14:35	37	Calm		OGI Inspection	10/8/2018 Confirmed and Closed	11/6/2018 Valves	T16422-THE DAMAGED TANK HAS A 4" HOLE THAT IS VENTING. THE HOLE IS APPROXIMATELY IN THE MIDDLE OF THE TANK-MOV_7120SKITCH PICTURE WAS UPLOADED JCB H-4 TREATER BUILDING - PCV4150 ABOVE FUEL GAS SCRUBBER LEAK FROM BOTTOM VALVE (TRIED TIGHTENING) MOV_7508
								11/6/2018 Valves	GENE H-6 TREATER BUILDING - BOTTOM VALVE OF PCV 6150 ABOVE SCRUBBER POT (TRIED TIGHTENING) MOV_7510
								10/8/2018 Thief Hatch	T16431* THIEF HATCH LID (LOCKDOWN - VITON) MOV_7498
								11/1/2018 Transmitter	T16428* SE ANODE AND CENTER STEM MOV_7506 GENE H-3 TREATER BOTTOM THREADS OF VALVE DIRECTLY NE OF PCV3150 ABOVE SCRUBBER POT MOV_7512
								11/6/2018 Valves 11/1/2018 Transmitter	T16429* SE ANODE CENTER STEM MOV_7504
									T16431* NW ANODE CENTER STEM AND ANODE (MANLIFT) MOV_7499
								11/6/2010 011	T16430 NW ANODE AND CENTER STEM MOV_7502
								11/6/2018 Other 11/6/2018 Valves	JCB H-3 TREATER BUILDING - LEAK FROM BEHIND/SIDE OF FLOAT JAW ON LC3150 (VESSEL V3150) MOV_7507 GENE H-3 TREATER BUILDING - BOTTOM VALVE OF PCV3150 ABOVE SCRUBBER POT (TRIED TIGHTENING) MOV_7511
								11/1/2018 Transmitter	T16431* SE ANODE CENTER STEM AND ANODE MOV_7501
									T16430* SE ANODE CENTER STEM MOV_7503
OGI Inspection - SC-Norma/Gene Pad	4/18/2019 9:40	4/18/2019 10:40	35	NNW/8		OGI Inspection	4/18/2019 Confirmed and Closed	4/25/2019 Thief Hatch	T15708-THIEF HATCH LID IS LEAKING (VITON), MOV_0957
									LP FLARE-THE LP FLARE FURTHEST FROM THE TREATER BUILDINGS IS NOT LIT/EMITTING.AN AUDIBLE CLICKING CAN BE HEARD BUT NOT FLAME IS PRESENT-MOV_6480
OGI Inspection - SC-NORMA/GENE-154-98-0706/0805H-6,7,8,LEH-1,0705LEH-2/H-2	11/14/2018 12:50	11/14/2018 13:55	42	WSW/14		OGI Inspection	11/14/2018 Confirmed and Closed	11/15/2018 LP Flare	SKITCH PICTURE WAS

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40 CFR 60 SUBPART OOOOa | ANNUAL REPORT REPORTING PERIOD: 8/2/2018 to 8/2/2019

Affected Facilities:

Fugitive emission components at a reciprocating compressor affected facility

All resurveys are conducted utilizing Optical Gas Imaging (OGI), which is the same method used to detect fugitive emissions.

Facility Name	Fugitive Emission Surveys	Description
Ross Compressor Station	Attached	Remaining open deviations require station shutdown for repair - Repairs will be made during next planned shutdown
Myrtle Compressor Station	Attached	Remaining open deviations require station shutdown for repair - Repairs will be made during next planned shutdown
Blue Buttes Compressor Station	Attached	Remaining open deviations require station shutdown for repair - Repairs will be made during next planned shutdown

haranter.	Inspection	Inspection Start II	armention End	-	Wind Direction/ Speed	Inspector	Inspection Type	1000	Action Item	Completed	System	Corrections Required
OGI Inspection - Ross Compressor Station	Complete	3/26/2019 7:15			5/10	(b) (9)	GI Inspection		Confirmed and	4/10/2019		COMP BLDG #2-BLUE VALVE ON THE WEST SIDE OF THE BUILDING IS VENTING FROM THE J SHAPED HOOK ON TOP OF THE VALVE. THE VALVE IS LABELED VALVE CAP 230 HEAD 230-MOV_6893
OGI Inspection - Ross Compressor Station	Complete	3/20/2019 7:13	3/20/2019 3.40	34	3/10		Si inspection	3/20/201	Clused	5/24/2019		COMP BLDG #1-GRAY VALVE THAT SETS ON THE FLOOR IN THE NW CORNER OF THE BUILDING IS VENTING FROM THE VALVE ON THE LEFT SIDE OF THE DEVICE . THE VALVE HAS A STAMP THE READS-MERCER VALVE PCV 70219-MOV_6894
												COMP BLDG #2-GREEN VALVE RUNNING ON THE SOUTH SIDE OF THE BUILDING IS VENTING. THE VALVE IS OUTSIDE OF THE COMP BLDG LOCATED APPROXIMATELY 1' OFF THE GROUND IN THE MIDDLE OF THE BUILDING BENEATH THE HEATER-MOV_6899
										4/10/2019	Valves	COMP BLDG #2-VALVE RUNNING ON THE SOUTH SIDE OF THE BUILDING IS VENTING. THE VALVE IS OUTSIDE OF THE COMP BLDG LOCATED APPROXIMATELY 1' OFF THE GROUND IN THE MIDDLE OF THE BUILDING-MOV_6898
												SKITCH DICTURE WAS LIPLOADED. NGL BLDG-GRAY VALVE ON THE WEST SIDE OF THE BUILDING IS VENTING FROM THE BOTTOM CONNECTION. THE VALVE IS LABELED 2000WOG, IT HAS A BLUE HANDLE-MOV_6896
										5/6/2019	Valves	SKITCH PICTLIRE WAS LIPLOADED. COMP BLDG #3-BLUE VALVE ON THE WEST SIDE OF THE BUILDING IS VENTING FROM THE BACK FLANGE. THE VALVE IS LABELED VALVE CAP 230 HEAD 230-MOV_6892
										6/11/2019		SKITCH PICTLIRE WAS LIPLOADED FLASH GAS COMP BLDG-GRAY MERCER VALVE ON THE SOUTH SIDE OF THE BUILDING IS VENTING FROM THE BLACK UNION ON THE RIGHT SIDE OF THE VALVE. THE VALVE IS LABELED 04.9338.010-MOV_6895
										4/10/2019	Valves	FLASH GAS COMP BLDG-BLACK VALVE ON THE BACKSIDE (SOUTH WEST) OF THE BUILDING IS VENTING. THE VALVE IS LABELED MRC & HAS A STAMP THAT READS ZSO-798321A-MOV_6897
												COMP BLD 3-BLUE VALVE ON THE NW CORNER OF THE BUILDING IS VENTING. THE VALVE IS VENTING FROM THE HAMMER UNION, THE VALVE IS LABELED 216292. TGE VALVE IS CONNECTED TO A WHITE VESSEL THAT IS LABELED 10-7896-MOV_7408
OGI Inspection - Ross Compressor Station	In Progress	6/20/2019 10:50	6/20/2019 12:20	60	SW/5		GI Inspection	6/20/2019			Other	
OGI Inspection - Ross Compressor Station	In Progress	9/27/2018 8:00	9/27/2018 10:00	36	NW 15-20		31 Inspection	9/27/2018	Confirmed and Closed	10/23/2018		COMPRESSOR #5 - BOTTOM OF SIGHT GLASS NEAR SW CORNER OF BUILDING. TAG AT TOP OF SIGHT GLASS READS LG-702502
											Other	COMPRESSOR #1 - LEAK FROM NW HEAD BETWEEN BODY AND SN U-78469 MOV_7407

COMP BLIGG AS WEST BLIGG-THE BLUE MOTOR IN THE MOST WESTERN BUILDING ON LOCATION (1ST BLIGG COMP 5) IS VENTING FROM EVERY FLANGE ON TOP & ON THE SIDES OF THE MOTOR. THE MOTOR IS LOCATED IN THE WAS UPLOADED COMP BLIGG AS WEST BLIGG-THE BLUE MOTOR IN THE MOST WESTERN BUILDING ON LOCATION (1ST BLIGG) IS VENTING FROM THE PACKING ON THE BOTTOM OF THE VALVE. THE VALVE IS LOCATED IN THE WAS UPLOADED COLI Inspection - Myrtle Compressor Station In Progress 6/20/2019 B.25 6/20/2019 B.25 6/20/2019 10.20 51 SW/5 GI Impectic 6/20/2019 Pending OCI Inspection - Myrtle Compressor Station In Progress 6/20/2019 B.25 6/20/2019 B.25 6/20/2019 10.20 51 SW/5 GI Impectic 6/20/2019 Pending OTHER Confirmed: 7/25/2019 OTHER Confirmed: 7/25/2019 OTHER COMP BLD - THE VALVE LOCATED NITH EN CORNER OF THE BUILDING IS VENTING. THE VALVE IS VENTING FROM THE TOP LEFT CORNER-MOV_7407 OTHER			G-103-F-73		15503	Wind	22000	50/20/200	1450/000	Action			
WE AS THE LINE AUMENTION THE SACKOSE DOUTH 180G OF THE WALEDGS SYNTHING FROM THE STAM. THE LEASE COMING FROM A FLY THE LOCATIO APPROXIMATELY 7 BACK FROM THE WAY IN COMPANY OF T	Inspection			Inspection End			Inspector		Logged Date		Completed	System	Corrections Required
THE WAY LEGG A ON TOO OF HE STITL LEGGLANG OF IO THE STITL LEGGLANG OF OT THE STITL LEGGLANG OF IOTH STITL LEGGLAN							h) (9)						
COMP BLDG 97-WST BLDG-THE BLUE MOTTOR IN THE BLOS AND MESTERS BUILDING ON LOCATION (LIST BLDG COMP S) B VENTING FROM LYENY FLANGE ON THE SIDES OF THE MOTION. THE MICHIGAN SHE BLUE MOTION IN THE BLUE MOTI							5) (5)						
MORTOR SLOCATION IN THE WAYS SECO FINE BLOG A WAS A STAMP THAT FALOS AN UTBASED MOV, 2615 FRIENDS STOTA PICTURE WAS URROADED OWAR BLOG OF WEST BLOCK THE GENERAL WAS THE BLOCK OF WEST WESTERN BUILDING ON LOCATION (LST BLOG) IS VENTING FROM THE BOTTOM OF THE VALVE THE VALVE SLOCATION BY SECOND FROM THE STAMP THAT SHOW SOUTH AND THE SAME OF WEST WEST WEST WEST WEST WEST WEST WEST	OGI Inspection - Myrtle Compressor Station	Complete	3/27/2019 7:10	3/27/2019 9:05	38	W/22		GI Inspectic	3/27/2019	Confirmed	5/1/2019	Valves	SKITCH PICTURE WAS UPLOADED
COMP REG 65 WEST REG -THE GREEN VALVE IN THE MOST WESTERN BUILDING ON LOCATION (1ST REG) 6) S VENTING FROM THE FACORIS ON THE BOTTOM OF THE VALVE SICIOATED BY THE 5W CORNER OF THE ELDO MOV-0358 Valves Val													
COMP REG 65 WEST REG -THE GREEN VALVE IN THE MOST WESTERN BUILDING ON LOCATION (1ST REG) 6) S VENTING FROM THE FACORIS ON THE BOTTOM OF THE VALVE SICIOATED BY THE 5W CORNER OF THE ELDO MOV-0358 Valves Val												Flanges	SKITCH PICTURE WAS UPLOADED
With SECONDARY OF THE BLOCK MOV 0936 VILVES												runges	
COMPRIES THE SECREMENT OF THE COMPRESSOR BUILDING IS VENTING. FROM THE THERADS. THE VESSEL IS DIRECTLY UNDER THE RUTPHICK HEATER INTHE BUILDING, IT IS THE THE COMPRESSOR BUILDING IS VENTING. FROM THE THERADS. THE VALVE IS SETTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE IS VENTING FROM THE TOP LEFT COMPRESSOR BUILDING IS VENTING. THE VALVE HAS A METAL STAMP PLADS 72230, THE VALVE HAS A METAL STAMP PLAD													
Confirmed: 7/25/2019 Other SATICH PACTURE WAS SUPLOADED Confirmed: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station - Myrtle Compresso												Valves	COMP BLD 5-THE WHITE VESSEL IN THE SE CORNER OF THE COMPRESSOR BUILDING IS VENTING FROM THE THREADS. THE VESSEL IS DIRECTLY UNDER THE RUFFNECK HEATER INTHE BUILDING, IT IS
Confirmed: 7/25/2019 Other SATICH PACTURE WAS SUPLOADED Confirmed: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 2-10 IO/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station Complete: 10/22/2018 12-40 45 NW 5-10 Gil Inspection - Myrtle Compressor Station - Myrtle Compresso													
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COMPRESOR \$1.0722/2018 9:20 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 9:20 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station Complete 10/22/2018 12:40 45 NW 5:10 Gil Inspection - Myrtie Compressor Station - Myrtie Complete Station - Myrtie													
Offier SWITCH PECTURE WAS UPLOADED OGI Inspection - Myrtle Compressor Station Complete 10/22/2018 9:20 10/22/2018 12:40 45 NW 5-10 Gil Inspectic 10/22/2018 Confirmed: 12/5/2018 Other Other SWITCH PECTURE WAS UPLOADED OTHER SWITCH PECTURE										Confirmed :	7/25/2019	Other	SKITCH PICTURE WAS UPLOADED
OGI Inspection - Myrtle Compressor Station													COMP BLD 2-THE VALVE LOCATED NEAR THE FLOOR IN THE NE CORNER OF THE BUILDING IS VENTING. THE VALVE IS VENTING FROM THE TOP LEFT CORNER-MOV_7407
Other FIRST MIDDLE SID EVENT OF FLARE - LEAK FROM BOTTOM OF ACTUATOR PV-712001 (SW CORNER OF SKID) MOV_7628 Filanges COMPRISCO FLARE - STAILINESS CONNECTION ABOVE MERCER VALVE AT USE OF THE BUILDING AND A STAIL STAI												Other	SKITCH PICTURE WAS UPLOADED
Flanges SOUTH SIDE OF DEHY BUILDING. FLANGE BELOW ASHCROFT 30 PSI GAUGE BELOW BURNER TUBE (ACCESSIBLE FROM 2ND LEVEL) MOV_7631 Other OCMPRESSOR 3- STAINLESS CONNECTION ABOVE MERCES VALVE AT NO FOR POLICY SAY OF MERCER VALVE AT NO FOR MERCE VALVE SO WRILISS AND YEARS OTHER OTHER SET AND ABOVE MERCEN VALVE SO WRILESS CONNECTION ABOVE MERCEN VALVE SO WRILESS CONNECTION WORTH AND SOUTH SIDE OF GAUGES ABOVE LINE TO VRU BUILDING MOV_7626 OTHER SET ANK BATTERY - NW OF 2 TANKS. OPEN ENDED STAINLESS LINES ON NORTH AND SOUTH SIDE OF GAUGES ABOVE LINE TO VRU BUILDING MOV_7626 Flanges SOUTH LINE HEATER - SE CORNER OF PAD D. LEAK FROM MERCER VALVE SO SHORE TO FAND ENTON FLANGE AT SWEDTOM FLANGE AND PIT_721001 (WEST SIDE OF D-711000) MOV_7630 OTHER OTHER SET OF PAD - SOUTH LINE HEATER. LEAK FROM STAINLESS LINE BEATER AND FLANGE SOUTH SET SIDE OF D-711000 MOV_7634 SE CORNER OF PAD - SOUTH LINE HEATER. LEAK FROM STAINLESS LINE BEATER IT CONTACTS THE LIP OF IT THE FLOOR AND FLANGE SUCKION BOTTLE MOV_7634 COMPRESSOR BY ADDITIONAL THE LEAK FROM PIPING BEAR NORTH ARD KIMMAY. COUND'T PIRPOINT DISTRIBUTION BOTTLE MOV_7634 OTHER OTHER SET ON THE FLOOR FROM PIPING BEAR NORTH ARD KIMMAY. COUND'T PIRPOINT DISTRIBUTION BOTTLE MOV_7635 OTHER OTHER SET ON THE FLOOR BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 OTHER	OGI Inspection - Myrtle Compressor Station	Complete	10/22/2018 9:20	10/22/2018 12:40	45	NW 5-10		GI Inspectic	10/22/2018	Confirmed:	12/5/2018	Other	COMPRESSOR #1 - OPEN ENDED 90 OFF FAR NE MERCER VALVE AT CORNER OF BUILDING MOV_7636
Other													
Other												-	
Other NEAR SE TANK BATTERY - NW OF 2 TANKS. OPEN ENDED STAINLESS LINES ON NORTH AND SOUTH SIDE OF GAUGES ABOVE LINE TO VRU BUILDING MOV_7626 Flanges SOUTH LINE HEATER - SE CORNER OF PAD. LEAK FROM MERCER VALVE BOTTOM FLANGE AT SW CORNER OF VESSEL. MOV_7623 Other 3 PHASE BUILDING 2ND LEVEL. TOP AND BOTTOM THREADS OF SHORD OF THE BETWEEN SWAGELOK VALVE AND PIT_721001 (WEST SIDE OF D-711000) MOV_7630 Other SE CORNER OF PAD - SOUTH LINE HEATER. LEAK FROM STAINLESS INTO BOTTOM OF BLCK NORRISEAL AIR FILTER REGULATOR MOV_7624 Other COMPRESSOR #1 - LEAK FROM STAINLESS LINE WHERE IT CONTACTS THE LIP ON THE FLOOR BELOW D712110 3RD STATE SUCTION BOTTLE MOV_7634 SE CORNER OF PAD - NORTH LINE HEATER. LEAK FROM PIPING NEAR NORTH RED KIMRAY. COULDN'T PINPOINT THE LEAK - MAY HAVE TO SNOOP. MAY BE UNDERSIDE OF STAINLESS LINE RESTING ON THE PERSON #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other													
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Other 3 PHASE BUILDING 2ND LEVEL. TOP AND BOTTOM THREADS OF SHORT 1" PIPE BETWEEN SWAGELOK VALVE AND PIT_721001 (WEST SIDE OF D-711000) MOV_7630 Other NGL BUILDING - BOTTOM STAINLESS CONNECTION INTO VALVE NEAREST WEST ENTRANCE DOOR MOV_7637 Other SE CORNER OF PAD - SOUTH LINE HEATER. LEAK FROM STAINLESS INTO BOTTOM OF BLACK NORRISEAL AIR FILTER REGULATOR MOV_7624 Other COMPRESSOR #1 - BOLD - NORTH LINE HEATER. LEAK FROM PIPING NEAR NORTH RED KIMRAY. COULDN'T PINPOINT THE LEAK - MAY HAVE TO SNOOP. MAY BE UNDERSIDE OF STAINLESS LINE RESTING Other ON 4" PIPE MOV_7625 Other COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 IST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other 3 PHASE BUILDING 2ND LEVEL. BOTTOM OF FISHER ACTUATOR PV-711002 MOV_7629													
Other NGL BUILDING - BOTTOM STAINLESS CONNECTION INTO VALVE NEAREST WEST ENTRANCE DOOR MOV_7637 Other SE CORNER OF PAD - SOUTH LINE HEATER. LEAK FROM STAINLESS INTO BOTTOM OF BLACK NORRISEAL AIR FILTER REGULATOR MOV_7624 Other COMPRESSOR #1 - LEAK FROM STAINLESS LINE WHERE IT CONTACTS THE LIP ON THE FLOOR BELOW D712110 3RD STATE SUCTION BOTTLE MOV_7634 SE CORNER OF MAY FIRE MOV_7634 OTHER ON 4" PIPE MOV_7625 Other COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other 3 PHASE BUILDING 2ND LEVEL. BOTTOM OF FISHER ACTUATOR PV-711002 MOV_7629												-	
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Other COMPRESSOR #1 - LEAK FROM STAINLESS LINE WHERE IT CONTACTS THE LIP ON THE FLOOR BELOW D712110 3RD STATE SUCTION BOTTLE MOV_7634 SE CORNER OF PAD - NORTH LINE HEATER. LEAK FROM PIPING NEAR NORTH RED KIMRAY. COULDN'T PINPOINT THE LEAK - MAY HAVE TO SNOOP. MAY BE UNDERSIDE OF STAINLESS LINE RESTING Other COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other 3 PHASE BUILDING 2ND LEVEL. BOTTOM OF FISHER ACTUATOR PV-711002 MOV_7629													
SE CORNER OF PAD - NORTH LINE HEATER. LEAK FROM PIPING NEAR NORTH RED KIMRAY. COULDN'T PINPOINT THE LEAK - MAY HAVE TO SNOOP. MAY BE UNDERSIDE OF STAINLESS LINE RESTING Other ON 4" PIPE MOV_7625 Other COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other 3 PHASE BUILDING 2ND LEVEL. BOTTOM OF FISHER ACTUATOR PV-711002 MOV_7629													The state of the s
Other COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635 Other 3 PHASE BUILDING 2ND LEVEL. BOTTOM OF FISHER ACTUATOR PV-711002 MOV_7629													
Other 3 PHASE BUILDING 2ND LEVEL. BOTTOM OF FISHER ACTUATOR PV-711002 MOV_7629												Other	ON 4" PIPE MOV_7625
												Other	COMPRESSOR #1 - SOUTH END OF BRAIDED HOSE ABOVE D712106 1ST STAGE SUCTION BOTTLE (LOOKS LIKE BRAIDED HOSE INTO FITTING, NOT THREADED CONNECTION) MOV_7635
Other EAST END OF FIRST MIDDLE SKID WEST OF FLARE. 60 PSI GAUGE THREADS ON FUEL GAS LINE MOV_7627													
												Other	EAST END OF FIRST MIDDLE SKID WEST OF FLARE. 60 PSI GAUGE THREADS ON FUEL GAS LINE MOV_7627

	Inspection				Wind Direction/Spe			0.0000000000000000000000000000000000000	Action Item			
Inspection	Status	Inspection Start	Inspection End	Temp (F)	ed	Inspector (b) (9)	Inspection Type	Logged Date	Status	Completed	System	PRODUCTION TANKS-TK/91502-THIEF HATCH IN THE CENTER OF THE TANK IS VENTING FROM THE LID-
						(-) (-)			Confirmed			MOV_7434
OGI Inspection - New Blue Buttes Compressor Station	Complete	6/25/2019	6/25/2019	33	N/9		OGI Inspection	6/25/2019	and Closed	10/24/2019	Thief Hatch	SKITCH PICTURE WAS UPLOADED
												PRODUCTION TANKS-TK791602-THIEF HATCH IN THE CENTER OF THE TANK IS VENTING FROM THE LID- MOV_7431
												SKITCH PICTURE WAS UPLOADED PRODUCTION TANKS-TK791401-THIEF HATCH IN THE CENTER OF THE TANK IS VENTING FROM THE LID-MOV_7432
												SKITCH PICTURE WAS UPLOADED
									Confirmed			HP DISCHARGE LINE-THE GREEN FLANGE ON THE HP DISCHARGE LINE IS VENTING FROM THE BOLTS. THE FLANGE IS LOCATED ON THE SOUTH SIDE OF THE LOCATION NEAR THE GLYCOL TANK (TK-794029). THE SN IS 1469742 & THE GREEN VALVE HAS A LARGE ORANGE VALVE APPROXIMATELY 1' ABOVE IT. THE FLANGE IS THE FIFTH GREEN VALVE BACK FROM THE GLYCOL TANK-MOV_6925
OGI Inspection - New Blue Buttes Compressor Station	Complete	3/28/2019 8:05	3/28/2019 10:40	33	N/9		OGI Inspection		and Closed	6/25/2019	Flanges	SKITCH PICTURE WAS UPLOADED



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT REPORTING PERIOD: 8/2/18 to 8/2/19

Affected Facility:

Reciprocating Compressors

A single reciprocating compressor located between the wellhead and the point of custody transfer to the natural gas transmission and storage segment. A reciprocating compressor at a well site, or an adjacent well site and servicing more than one well site, is not an affected facility.

Reciprocating Compressor ID	Cumulative hours/months operated since September 18, 2015 <u>OR</u> since last rod packing replacement (whichever is later)	Description of Deviations (select from list)
EC-5, Ross Compressor Station	10,893 Hours	N/A